

NOVOL

SOLUTIONS FOR CAR REFINISH



PROFESSIONAL

PRODUCT CATALOGUE

NOVOL



SOLUTIONS FOR REFINISHING

For almost forty years we have been developing a system of products for vehicle painting industry, which would provide a comprehensive solution for a professional painter. We offer a wide range of materials for repairing of vehicle bodywork painting. The range includes universal, general purpose and specialised putties, topcoats, acrylic fillers and complete range of complementary materials. It is all to help to achieve our goal of delivering solutions that improve efficiency in a modern paintshop.

QUALITY GUARANTEED ISO 9001:2015

At NOVOL we pay great attention to meeting our customers demands: the high quality materials used in the manufacture of our products ensures high mechanical and chemical resistance, as well as excellent adhesion and anti corrosive qualities. These results are based on customers experience as well as research results of independent laboratories. Quality is our main priority from the moment of development through every stage of the products life. Our quality control system is compliant with ISO 9001:2015, ensuring that the characteristics of NOVOL products shipped to customers in Europe, Asia, and Africa are consistent with a manufacturing process using proven materials from carefully selected suppliers. As a result NOVOL products provide a consistent quality at a competitive price.



FAIR PLAY
Company
2000-2014



Ernst & Young
Entrepreneur
Of The Year®



For more information please visit our website: novol.pl



TECHNICAL SUPPORT

Technical support in relation to product specification and material application of the NOVOL materials are available from our field representatives and technicians. They are available to advise on cost optimisation and to supervise the technical aspects of industrial painting. In addition to field advice, NOVOL provide a full range of training courses including product selection and application techniques at the fully equipped NOVOL Training Centre at Komorniki.

NOVOL ENVIRONMENTAL PROTECTION

In compliance with global environmental protection trends, NOVOL have enrolled in the „Responsible Care” programme. This is a step toward integration into the ISO 14001:2015 Environmental Quality System. Many of the products in the NOVOL range are in compliance with EU Directive 2004/42/CE of 21st April 2004, relating to the limitation of volatile organic compounds (VOC's).



Economy Prize
of the President
of the Republic
of Poland
2011



UNI PLUS

SOFT FILLING PUTTY



UNI PLUS putty – basic filling putty. The product is intended for rough filling of substrates and repairs of irregularities, including significant defects. Easy and soft to sand, the product facilitates filling even large surfaces in both manual and machine sanding. Good adhesion to various substrates (including galvanised steel) and high elasticity ensure high durability of repair.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1191*	0,50	18
1192	1,80	6
1195*	4,50	4

* Products available on order



Clean and sand substrate



Degrease



Potlife: 4-6 min./20°C
Mixing ratio: 2-3/100



Apply



20-30 min./20°C



1. P80-P120
2. P120-P240

Color:



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



- POLYESTER LAMINATES
- STEEL
- GALVANIZED STEEL
- ALUMINIUM
- 2 COMPONENT ACRYLIC PRIMERS
- OLD PAINT COATINGS



HIGH ELASTICITY



More information about products' use and storage in Technical Data Sheet LT-01-16



PROFICYNK

PUTTY FOR ALUMINIUM AND GALVANIZED STEEL



PROFICYNK putty – top quality filling putty. Excellent adhesion to various substrates (especially zinc coatings and aluminium). The product has high thermal resistance which allows it to keep adhesion to galvanized steel in high temperatures. It has excellent application parameters, short curing time, easy sandability and good mechanical properties.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1145	2,00	6



Clean and sand substrate



Degrease



Potlife 4-6 min./20°C
Mixing ratio: 2-3/100



Apply



20-30 min./20°C



1. P80-P120
2. P120-P240

Color:



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



- POLYESTER LAMINATES
- STEEL
- GALVANIZED STEEL
- ALUMINIUM
- 2 COMPONENT ACRYLIC PRIMERS
- OLD PAINT COATINGS



FOR ZINC AND ALUMINIUM



More information about products' use and storage in Technical Data Sheet LT-01-03





UNISOFT

SOFT PUTTY

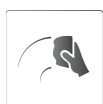
Article-No	Unit package (kg)	Cumulative package (pcs.)
1150	0,25	24
1151	0,50	18
1152	0,75	16
1153	1,00	8
1155	1,80	6
1156*	3,00	6
1154	4,50	4
1157	6,00	4

* Products available on order

UNISOFT putty with a very broad scope of use. Intended to be applied in thicker layers and perfectly repairs even larger of defects. Soft putty intended for manual and machine sanding; with very good adhesion to various substrates, e.g. carbon steel, aluminium, galvanised steel and old coatings. Thanks to its elasticity, the putty has an excellent resistance to cracking.



Clean and sand substrate



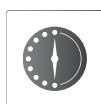
Degrease



Potlife: 4-6 min./20°C
Mixing ratio:
2-3/100



Apply



20-30 min./20°C



1. P80-P120
2. P120-P240



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l

* Ready to apply mixture compliant with Directive 2004/42/CE

Color:



More information about products' use and storage in Technical Data Sheet
LT-01-02



SOFT AND ELASTIC



POLYESTER LAMINATES •
STEEL •
GALVANIZED STEEL •
ALUMINIUM •
2 COMPONENT •
ACRYLIC PRIMERS •
OLD PAINT COATINGS •



UNI

UNIVERSAL PUTTY



UNI putty – basic filling putty; recommended mainly for machine sanding. An excellent putty for small repairs. It has good adhesion to substrates, i.e. carbon steel or aluminium.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1100	0,25	24
1101	0,50	18
1102	0,75	16
1103	1,00	8
1105	2,00	6
31119	4,00	6
1104	4,50	4



Clean
and sand
substrate



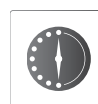
Degrease



Potlife 4-6 min./20°C
Mixing ratio:
2-3/100



Apply



20-30 min./20°C



1. P80-P120
2. P120-P240

Color:



VOC II/B/b limit* = 250 g/l
VOC = 90g/l

* Ready to apply mixture compliant with Directive 2004/42/CE



- POLYESTER LAMINATES
- STEEL
- ALUMINIUM
- 2 COMPONENT ACRYLIC PRIMERS
- OLD PAINT COATINGS



QUICK REPAIR



More information about
products' use and storage
in Technical Data Sheet
LT-01-01



PUTTIES



SOFT PLUS MULTIFUNCTIONAL PUTTY

SOFT PLUS – multifunctional, the most universal polyester putty in our range of products. It combines the features of filling putties (good adhesion to various substrates, repair of large surface damages, easy application and sanding with coarse grain sandpaper) with the features of finishing putties (easy application in thin layers, filling of small defects, sanding with fine grain sandpaper). After application it forms a very smooth surface, which reduces time of sanding.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1245	1,80	6
1244*	3,00	6
1247	4,50	4

* Products available on order



Clean and sand substrate



Degrease



Potlife:
4-6 min/20°C
Mixing ratio:
2-3/100



Apply



20-30 min./20°C



1. P80-P120
2. P120-P240



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l
*Ready to apply mixture compliant with Directive 2004/42/CE

Color:



More information about products' use and storage in Technical Data Sheet LT-01-15



UNIVERSAL APPLICATION



- POLYESTER LAMINATES •
- STEEL •
- GALVANIZED STEEL •
- ALUMINIUM •
- 2 COMPONENT ACRYLIC PRIMERS •
- OLD PAINT COATINGS •



EASY SAND LIGHT PUTTY

Article-No	Unit package (l)	Cumulative package (pcs.)
31512	1,00	6

EASY SAND – a light multifunctional putty. The use of state-of-the-art fillers resulted in a fine product with low density. The effect is very good and easy application, excellent sandability and low shrinkage during curing. The properties combined with good adhesion allow using the product on large and small surfaces. Due to low density, it is recommended to use a higher hardener content than in regular putties. The content is between 3 and 4%.



Clean and sand substrate



Degrease



Potlife:
3-6 min/20°C
Mixig ratio:
3-4/100



Apply



20-30 min./20°C



1. P80-P120
2. P120-P240



VOC II/B/b limit* = 250*g/l
VOC = 90 g/l
* Ready to apply mixture compliant with Directive 2004/42/CE

Color:



More information about products' use and storage in Technical Data Sheet LT-01-17



PERFECT POLISHING



- POLYESTER LAMINATES •
- STEEL •
- GALVANIZED STEEL •
- ALUMINIUM •
- 2 COMPONENT ACRYLIC PRIMERS •
- OLD PAINT COATINGS •



FINISH FINISHING PUTTY



FINISH putty is a finishing putty based on small fine fillers meaning it is excellent for apply in thin layers and repairing small dents and scratches. It is intended for repairing small areas and finish surface sanding prior to coating with primers. The product is sandable with fine abrasive papers resulting in a smooth surface. **FINISH** has a very good adhesion to various substrates, including galvanised steel.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1120	0,25	24
1122	0,75	16
1125	2,00	6



Clean and sand substrate



Degrease



Potlife 4-6 min./20°C
Mixing ratio:
2-3/100



Apply



25-35 min./20°C



1. P180-P240
2. P240-P320

Color:



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l

*ready to apply mixture compliant with Directive 2004/42/CE



- POLYESTER LAMINATES
- STEEL
- GALVANIZED STEEL
- ALUMINIUM
- 2 COMPONENT ACRYLIC PRIMERS
- OLD PAINT COATINGS



FINE-GRAINED STRUCTURE



More information about products' use and storage in Technical Data Sheet LT-01-09



SPRAY SPRAY FILLER



SPRAY – finishing filler applied by pneumatic spraying. Allows achieving a high fill ratio with a smooth surface, even on very large areas. The time to sand is approx. 2 hours at 20°C (and can be reduced by heating at a maximum of 60°C). The product is intended for machine sanding and manual sanding with fine abrasive papers.

Article-No	Unit package (l)	Cumulative package (pcs.)
1201	1,2 kg + 0,08 thinner + 50 ml hardener	5 + 5 + 5
1204*	2,70 l + 90 ml	4 + 8

* Products available on order



Clean and sand substrate and degrease



Potlife: 20-30 min./20°C
Mixing ratio: 6-7/100



Dilute THIN 880
max. 10%



1 ÷ 3x, 3 ÷ 4 bar
Ø2.2 ÷ 3.0 mm



1.5-2.0 h/20°C
30 min./60°C



1. P180-P240
2. P240-P320

Color:



VOC II/B/c limit* = 540 g/l
VOC = 300 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



- PLASTICS, EXCLUDING PE, PP AND PTFE
- STEEL • ALUMINIUM • POLYESTER PUTTY
- 2K ACRYLIC PRIMERS
- OLD PAINT COATINGS
- EPOKSY PRIMER PRODUCED BY NOVOL (TO BE APPLIED AFTER AT LEAST 4 HOURS AFTER APPLICATION)



INSULATION AND FILLING



More information about products' use and storage in Technical Data Sheet LT-01-13



PUTTIES



1K

ONE-COMPONENT ACRYLIC PUTTY

1K one-component acrylic putty is a finishing putty. Its main purpose is to fill very small scratches and surface defects directly before coating. The product is coatable with all acrylic and base products. Hence it must be applied in very thin layers and left for the solvent to flash off between the successive putty layers and sanded with the same abrasive papers as acrylic fillers.

Article-No	Unit package (ml)	Cumulative package (pcs.)
1180	100	12



Clean and sand substrate



Degrease



Apply thin layers



Wait 15-30 min between layers



15-30 min/20°C
10 min/60°C



P280-P400



P400-P800

Product for professional use only. Do not compliant with directive UE 2004/42/CE. The product could be applied around the UE only when it meets the additional requirements of the directive UE 1993/13/WE and national regulations which are the implementation of the directive mentioned above.

Color:



More information about products' use and storage in Technical Data Sheet LT-01-12



QUICK REPAIR



POLYESTER LAMINATES •
NOVOL POLYESTER PUTTIES •
1 COMPONENT PRIMERS •
2 COMPONENT ACRYLIC PRIMERS •
OLD PAINT COATINGS (INCLUDING THERMOPLASTICS ONES) •



FIBER

GLASS FIBER PUTTY

FIBER putty is reinforced with glass fiber. The large quantity of long fibers gives the product a high mechanical resistance and good filling power for repairing irregularities and holes. The resulting low elasticity and very hard treatment make the product recommended for small surface areas only.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1220	0,20	24
1222	0,60	16
1225	1,80	6



Clean and sand substrate



Degrease



Potlife 4-8 min./20°C
Mixing ratio:
2-3/100



Apply



20-30 min./20°C



P80-P120



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l
* ready to apply mixture compliant with Directive 2004/42/CE

Color:



More information about products' use and storage in Technical Data Sheet LT-01-08



HIGH MECHANIC ENDURANCE



POLYESTER LAMINATES •
STEEL •
ALUMINIUM •
2 COMPONENT ACRYLIC PRIMERS •
OLD PAINT COATINGS •



FIBER MICRO

GLASS FIBER PUTTY



FIBER MICRO putty is reinforced with glass fiber. Thanks to elastic polyester resins and short glass fibers, the product is much more elastic than the FIBER putty while retaining high mechanical resistance. Its easy and soft treatment makes the product suitable even for large surfaces. FIBER MICRO has a low volume shrinkage which makes it possible to repair large defects. The product has good adhesion to various substrates, including galvanised steel.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1231	0,5	18
1233	1,0	8
1235	1,8	6



Clean and sand substrate



Degrease



Potlife 4-8 min./20°C
Mixing ratio:
2-3/100



Apply



20-30 min./20°C



1. P80-P120
2. P120-P240

Color:



VOC II/B/b limit* = 250 g/l

VOC = 90 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



- POLYESTER LAMINATES
- STEEL
- GALVANIZED STEEL
- ALUMINIUM
- 2 COMPONENT ACRYLIC PRIMERS
- OLD PAINT COATINGS



SHORT FIBER



More information about products' use and storage in Technical Data Sheet LT-01-14



ALU

PUTTY WITH ALUMINIUM POWDER



ALU putty is a filling putty with an admixture of aluminium powder that increases the product's resistance to high temperature and assures excellent adhesion to various substrates. The shrinkage that is lower than in typical putties and high elasticity allow repairing large defects.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1160	0,25	24
1162	0,75	16
1165	1,80	6



Clean and sand substrate



Degrease



Potlife 4-6 min./20°C
Mixing ratio:
2-3/100



Apply



25-35 min./20°C



1. P80-P120
2. P120-P240

Color:



VOC II/B/b limit* = 250 g/l

VOC = 90 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



- POLYESTER LAMINATES
- STEEL
- GALVANIZED STEEL
- ALUMINIUM
- 2 COMPONENT ACRYLIC PRIMERS
- OLD PAINT COATINGS



FOR ELEMENTS EXPOSED TO VIBRATIONS



More information about products' use and storage in Technical Data Sheet LT-01-07



PUTTIES



LIGHT

LIGHT PUTTY

LIGHT putty is a filling putty. Thanks to the special fillers it contains, the product's density is about 40% lower than in typical putties. The effect is very good sandability and low shrinkage during curing. These characteristics with a very good adhesion to various substrates allow use on large surface areas. The curing time of **LIGHT** is slightly longer than in traditional putties.

Article-No	Unit package (l)	Cumulative package (pcs.)
1502	1,00	6
1503*	3,00	4

* Products available on order



Clean and sand substrate



Degrease



Potlife: 5-8 min./20°C
Mixing ratio:
2-3/100



Apply



25-35 min./20°C



1. P80-P120
2. P120-P240



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l
* ready to apply mixture compliant with Directive 2004/42/CE

Color:



More information about products' use and storage in Technical Data Sheet LT-01-05



EASY SANDING



- POLYESTER LAMINATES •
- STEEL •
- GALVANIZED STEEL •
- ALUMINIUM •
- 2 COMPONENT ACRYLIC PRIMERS •
- OLD PAINT COATINGS •



MULTILIGHT

LIGHT PUTTY

MULTILIGHT is a multifunctional polyester putty for filling and finishing. Thanks to the special fillers it contains, the product's density is about 40% lower when compared with conventional putties. Additional features of the putty are its smooth surface after application, high surface dryness and superb treatment.

Article-No	Unit package (l)	Cumulative package (pcs.)
90038	1,0	6



Clean and sand the surface



Degrease the surface with PLUS 780



Add 100 g of **MULTILIGHT** to 2-3 g of Hardener.
Binding time:
3-6 min at 20°C.



Apply a layer of 5 mm max with a putty knife



20-30 min/20°C



1. P80-P120
2. P120-P240



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l
* For ready to use mixture

Color:



More information about products' use and storage in Technical Data Sheet LT-01-21



LIGHT-WEIGHT WITH PERFECT SANDING



- POLYESTER LAMINATES •
- STEEL •
- GALVANISED STEEL •
- ALUMINIUM •
- TWO-COMPONENT ACRYLIC FILLERS •
- OLD PAINT COATINGS •



TERMO

EPOXY PUTTY



TERMO putty is a two-component epoxy putty intended for repairs of small defects and irregularities on metallic surfaces, as well as irregularities of metallic surfaces before application of powder coatings. It is distinguished from other epoxy putties by its short curing time and high mechanical resistance. It has excellent adhesion to metallic surfaces and high thermal resistance. The product can be cured at ambient temperature or in ovens.

Article-No	Unit package (kg)	Cumulative package (pcs.)
31521	0,32 + 0,08	12



Clean and sand substrate



Degrease



Potlife:
30-60 min (20°C)
Mixing ratio by weight:
Comp. A - 4 parts
Comp. B - 1 part



Apply the putty



30-60 min (20°C)
120°C - 40-50 min
60°C - 80-120 min



1. P80-P120
2. P240-P600

Color:



• METALLIC SURFACES



HIGH THERMAL
RESISTANCE



More information about
products' use and storage
in Technical Data Sheet
LT-01-20



BUMPER FIX

PUTTY FOR PLASTICS



BUMPER FIX putty is a putty for levelling the surfaces of plastic parts, e.g. bumper fascias, rear view mirror housings, strips and mudguards. The product has a very high elasticity and excellent adhesion to most plastics (except for polyethylene (PE) and Teflon (PTFE)). It also has good adhesion to polypropylene (PP) which enables application on non-primed surfaces.

Article-No	Unit package (kg)	Cumulative package (pcs.)
1170	0,20	12
1171	0,50	16



Clean and sand substrate



Degrease



Potlife 5-8 min./20°C
Mixing ratio:
2-3/100



Apply



30-45 min./20°C



1. P120-P180
2. P180-P240

Color:



• PLASTICS WITH THE EXCEPTION
OF PE AND PTFE • STEEL
• GALVANIZED STEEL • ALUMINIUM
• 2 COMPONENT ACRYLIC PRIMERS
• OLD PAINT COATINGS



BEST FOR PLASTICS



More information about
products' use and storage
in Technical Data Sheet
LT-01-11



VOC II/B/b limit* = 250 g/l
VOC = 90 g/l
* ready to apply mixture compliant with Directive 2004/42/CE



FILLERS AND CLEARCOATS



PROTECT 300

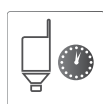
ACRYLIC FILLER 4+1 (MS)

Article-No	Unit package (l)	Cumulative package (pcs.)
PROTECT 300		
37001 (yellow)*	1,0	6
37011 (grey)	1,0	6
37031 (white)	1,0	6
37041 (black)	1,0	6
37051 (red)*	1,0	6
37004 (yellow)*	2,8	4
37014 (grey)*	2,8	4
37034 (white)*	2,8	4
37044 (black)*	2,8	4
37054 (red)*	2,8	4
Hardener H 5520		
35821	0,20	6
35822	0,25	6
35824	0,70	4

* Products available on order



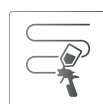
4+1+25-35%
Filler + Hardener
+ Thinner



DIN 4/20°C
25 ÷ 45s



1 h/20°C



2 ÷ 3X, 3 ÷ 4bar
Ø 1.6 ÷ 1.8mm



5 ÷ 10 min /20°C



3 h/20°C
30 min/60°C



P360 - P500



P600-P1000



VOC II/B/c limit * = 540 g/l

VOC = 535 g/l

* ready to apply mixture compliant with Directive 2004/42/CE

Color:



More information about
products' use and storage
in Technical Data Sheet
LT-02-01



INTERLAYER



OLD PAINTS COATINGS •
(INCLUDING THERMOPLASTIC PAINTS)
POLYESTER PUTTIES NOVOL •
STEEL • ALUMINIUM • GALVANIZED STEEL •
STAINLESS STEEL • WASH PRIMERS •
PLASTICS • POLYESTER LAMINATES •
NOVOL EPOXY PRIMERS •



PROTECT 310

ACRYLIC FILLER 4+1 (HS)



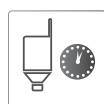
PROTECT 310 – a highly filling primer based on acrylic resins. Thanks to a high spray viscosity, the product can be applied in very thick layers that perfectly repair even relatively large scratches and irregularities of substrate. The product has a very good adhesion to various substrates; thanks to high quality resins and special additives, it provides good anti-corrosion protection and insulation of polyester materials (putties) from topcoats. Available in three colors: white, grey and black; mixing white and black allows producing any shade of grey.

Article-No	Unit package (l)	Cumulative package (pcs.)
PROTECT 310		
37131 (white)	1,0	6
37111 (grey)	1,0	6
37141 (black)	1,0	6
37134 (white)*	2,8	4
37114 (grey)*	2,8	4
37144 (black)*	2,8	4
Hardener H 5520		
35821	0,20	6
35822	0,25	6
35824	0,70	4

* Products available on order



Filler
4+1+10%
Sealer
4+1+20%



DIN 4/20°C ca. 60 s
DIN 4/20°C ca. 40 s



1 h/ 20°C



2 ÷ 3X, 3 ÷ 4 bar
Ø 1.6 ÷ 1.8 mm



5 ÷ 10 min/20°C



3 h/20°C
30 min/60°C



P360 - P500



P600-P1000

Color:



VOC II/B/c limit* = 540 g/l
VOC = 500 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



- OLD PAINTS COATINGS (INCLUDING THERMOPLASTIC PAINTS)
- POLYESTER PUTTIES NOVOL • STEEL
- ALUMINIUM • GALVANIZED STEEL
- STAINLESS STEEL • WASH PRIMERS
- PLASTICS • POLYESTER LAMINATES
- NOVOL EPOXY PRIMERS



EXCELLENT
FILLING
POWER



More information about
products' use and storage
in Technical Data Sheet
LT-02-02



FILLERS AND CLEARCOATS



PROTECT 320

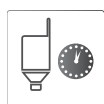
ACRYLIC FILLER

Article-No	Unit package (l)	Cumulative package (pcs.)
PROTECT 320		
90114	0,8	8
90270	2,8	4
Hardener H 5520		
35821	0,20	6
35822	0,25	6
35824	070	4

PROTECT 320 – fast acrylic resin filler. Has a significantly lower tendency to stick to sandpaper, especially during power sanding. At the selected spraying viscosity, the product can be applied in smooth layers which perfectly fill even relatively large scratches and surface irregularities. The product has excellent adhesion to various substrates. The acrylic filler features high quality resins and special additives to ensure good anti-corrosion protection and isolation of polyester materials (fillers) from acrylic topcoats.



4+1+10%



DIN 4/20°C
40 ÷ 50 s



10 min/20°C



1 ÷ 2X, 3 ÷ 4bar
Ø 1.6 ÷ 1.8mm



5 ÷ 10 min/20°C



2 h/20°C
30 min/60°C



P360-P500



P600-P1000



VOC II/B/c limit* = 540 g/l
Actual VOC: priming version = 530 g/l
Actual VOC: filling version = 505 g/l
* For ready to use mixture acc. to EU Directive 2004/42/EC

Color:



More information about
products' use and storage
in Technical Data Sheet
LT-02-12



GOOD
ANTI-CORROSION
PROTECTION



OLD PAINT COATINGS
INCLUDING THERMOPLASTIC COATS
POLYESTER PUTTIES
EPOXY PRIMERS • STEEL • ALUMINIUM
GALVANIZED STEEL • STAINLESS STEEL
WASH PRIMERS • PLASTICS
POLYESTER LAMINATES



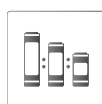
PROTECT 330

ACRYLIC FILLER 5+1 (TRIO)

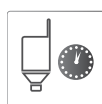


PROTECT 330 is acrylic filler, which thanks to applying high quality resins and special additives provides good anticorrosion protection and insulation between polyester materials (putties) from topcoats. PROTECT 330 has very good adhesion to various substrates. Primer is in three colors: black, white and grey. By mixing these three colors in proper ratio, it is obtained primer providing the best hide power for enamel.

Article-No	Unit package (l)	Cumulative package (pcs.)
PROTECT 330		
37311 (grey)	1,0	6
37341 (black)	1,0	6
37331 (white)	1,0	6
37313 (grey)	3,5	4
37343 (black)	3,5	4
37333 (white)	3,5	4
Hardener H 5520		
35821	0,20	6
35822	0,25	6
35824	0,70	4



5+1+15%



DIN 4/20°C
50 ÷ 80 s



1 h/20°C



1 ÷ 3X, 3 ÷ 4bar
Ø 1.6 ÷ 1.8mm



5 ÷ 10 min/20°C



3 h/20°C
30 min/60°C



P360-P500



P600-P1000

Color:



VOC II/B/c limit* = 540 g/l
VOC = 510 g/l

*ready to apply mixture compliant with Directive 2004/42/CE



- OLD PAINTS COATINGS (INCLUDING THERMOPLASTIC PAINTS)
- POLYESTER PUTTIES NOVOL
- STEEL • ALUMINIUM • GALVANIZED STEEL
- STAINLESS STEEL • WASH PRIMERS
- PLASTICS • POLYESTER LAMINATES
- NOVOL EPOXY PRIMERS



ISOLATION,
FILLING



More information about products' use and storage in Technical Data Sheet LT-02-07





PROTECT 340

WASH PRIMER

Article-No	Unit package (l)	Cumulative package (pcs.)
PROTECT 340		
37219	0,2+0,2	3+3
37211	1,0	6
Hardener H 5910		
35856	1,0	6

PROTECT 340 – reactive anti-corrosion polyvinyl resin based primer. It has excellent adhesion to various substrates and guarantees a very high corrosion resistance, also in the case of damage coating (scratches, chipping). Intended for application in thin layers in combination with any acrylic filler.



1+1 ratio
Primer+Hardener



DIN 4/20°C
18-20 s



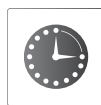
2 days /20°C



1 ÷ 2X, 3 ÷ 4bar
Ø1.2 ÷ 1.5mm



5 ÷ 10 min / 20°C



10 min / 20°C



VOC II/B/c limit * = 780 g/l

VOC = 780 g/l

* ready to apply mixture compliant with Directive 2004/42/CE

Color:



More information about
products' use and storage
in Technical Data Sheet
LT-02-08



ADHESION
AND
PROTECTION



STEEL •
ALUMINIUM •
GALVANIZED STEEL •



PROTECT 360

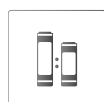
ANTI-CORROSION EPOXY PRIMER



PROTECT 360 – anti-corrosion epoxy primer provides excellent protection of steel surfaces, thanks to high quality resins and active anti-corrosion additives. It is used for renovation of bodies of passenger cars, as well as heavily operated lorries or buses. It gives very good adhesion to various substrates and excellent sealing properties. It may be coated with top-coats, also using wet-on-wet technique. PROTECT 360 can be applied in 1+1 ratio with H 5950 Hardener (wet on wet) or in 4+1 ratio with H 5960 Hardener with additional thinner in different ratio (10, 25 and 50%). Thanks to it different thicknesses of surface can be achieved.

Article-No	Unit package (l)	Cumulative package (pcs.)
PROTECT 360		
37200	0,8	6
Hardener H 5950 (1+1)		
35865	0,8	6
Hardener H 5960 (4+1)		
35876*	1,00	2

* Products available on order



1+1 (H 5950)
4+1+10% (H 5960)



4 h/20°C



2 ÷ 3X, 3 ÷ 4bar
Ø1.2 ÷ 1.5 mm
Ø2.2 ÷ 2.5 mm



5 ÷ 10 min/20°C



12 h/20°C
45 min/60°C



P360-P500



P600-P1000

Color:



VOC = 430 g/l (4+1+25% THIN 860)
VOC = 490 g/l (4+1+50% THIN 860)

* ready to apply mixture compliant with Directive 2004/42/CE

VOC II/B/c limit* = 540 g/l
VOC = 540 g/l

VOC = 382 g/l (4+1+10% THIN 860)



- OLD PAINTS COATINGS (INCLUDING THERMOPLASTIC PAINTS)
- POLYESTER PUTTIES NOVOL
- STEEL • ALUMINIUM
- GALVANIZED STEEL
- STAINLESS STEEL
- POLYESTER LAMINATES



ANTI-CORROSION
EPOXY PRIMER



More information about
products' use and storage
in Technical Data Sheet
LT-02-09





PROTECT 370

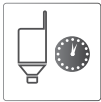
ONE-COMPONENT ACRYLIC FILLER

PROTECT 370 – a one-component acrylic filling primer. The product is intended first for filling of putty-coated surfaces and old paint coatings. It is not recommended for application directly on metals since it provides no anti-corrosion protection. The main advantage of PROTECT 370 is its short drying time which facilitates very fast repair.

Article-No	Unit package (l)	Cumulative package (pcs.)
PROTECT 370		
37440	0,5	6
37441	1,0	6



5 + 1
Filler 1K
+ Thinner



DIN 4/20°C
50 ÷ 70 s



2X, 3 ÷ 4 bar
Ø 1.6 ÷ 1.8 mm



5 ÷ 10 min/20°C



45-60 min/20°C
15 min/60°C



P360-P500



P600-P1000



VOC II/B/c limit* = 540 g/l
VOC = 540 g/l
* ready to apply mixture compliant with Directive 2004/42/CE

Color:



More information about
products' use and storage
in Technical Data Sheet
LT-02-05



QUICK REPAIR



- OLD PAINTS COATINGS •
- (INCLUDING THERMOPLASTIC PAINTS)
- POLYESTER PUTTIES NOVOL •
- STEEL • PLASTICS •
- POLYESTER LAMINATES •
- EPOXY PRIMERS •



PROTECT 380

POLYESTER FILLER



PROTECT 380 – Polyester finishing filler applied by pneumatic spraying. Once mixed with the hardener, the product gains spray viscosity without the need for extra thinners. A unique indicator allows the readiness of the mixture to be evaluated (when the olive colour turns light beige, the product is ready for spraying), and the thoroughness of the mixing of the components to be inspected. Allows a high fill ratio to be achieved leaving a smooth surface, even on very large areas. Ready to sand after approx. 1.5 hour at 20°C (this can be reduced by heating to a maximum of 60°C). The product is intended for machine sanding, as well as for manual sanding with fine-grained abrasive paper.

Article-No	Unit package (l)	Cumulative package (pcs.)
PROTECT 380		
90016	0,8	5
Hardener CETOX-12 OB		
90015	0,08	5



10+1



1 ÷ 3X, 3 ÷ 4bar
Ø1.6 ÷ 1.8 mm



17 ÷ 25 min/20°C



2 ÷ 4 min/20°C



70-90 min/20°C
20 min/60°C



P180-P240
P240-P320

Color:



VOC II/B/c limit* = 540 g/l
Actual VOC content = 300 g/l

* For ready to use mixture acc. to EU Directive 2004/42/CE



- OLD PAINT COATINGS
- POLYESTER PUTTIES
- EPOXY PRIMERS
- STEEL SURFACES
- ALUMINIUM SURFACES
- PLASTICS, EXCEPT FOR PE, PP AND PTFE
- TWO-COMPONENT ACRYLIC FILLERS



VERY FAST



More information about products' use and storage in Technical Data Sheet LT-02-11





NOVAKRYL 520

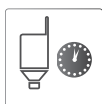
ACRYLIC CLEARCOAT

Article-No	Unit package (l)	Cumulative package (pcs.)
NOVAKRYL 520		
38031	1,0	6
Hardener H 5110 standard		
35611	0,5	6
Hardener H 5110 fast		
35621	0,5	6

NOVAKRYL 520 is a clearcoat with high solid particle content. The product dries quickly and gives a high gloss and great depth. The clearcoat achieves high ending hardness both at elevated temperatures and without heating. The Novakryl 520 meets the requirements of Directive 2004/42/EC of 21 April 2004 on the limitation of emissions of volatile organic compounds. It is UV and weather resistant.



2+1



DIN 4/20°C
17÷19 s



1-5X (60 µm)
3÷4 bar
Ø1.3÷1.4 mm



5÷10 min /20°C



Operational hardness
10 h/20°C
30 min/60°C



VOC II/B/d limit* = 420 g/l
Actual VOC content = 415 g/l

* For ready to use mixture acc. to EU Directive 2004/42/EC



More information about
products' use and storage
in Technical Data Sheet
LT-03-20



Fast drying
and high yield



NOVAKRYL 530 MAT

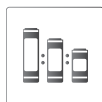
MATT ACRYLIC CLEARCOAT



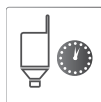
NOVAKRYL 530 MAT is a mat acrylic clearcoat with high scratch resistance (SR). The clearcoat has a high hardness and weather resistance. It is available in versions with the slow, standard or fast hardener; the selection of specific hardener depends on the application conditions. It is possible to adjust the matt level by adding any Professional glossy clearcoat at a suitable ratio to NOVAKRYL 530 MAT.

Article-No	Unit package (l)	Cumulative package (pcs.)
NOVAKRYL 530 MAT		
38332	0,5	6
38335	1,0	6
Hardener H 5120 standard		
35631	0,5	6
35633*	1,0	6
35636	2,5	4
Hardener H 5120 fast		
35641	0,5	6
35643*	1,0	6
35646	2,5	4
Hardener H 5120 slow		
35651	0,5	6
35653*	1,0	6
35656*	2,5	4

* Products available on order



2 + 1 + 10%



DIN 4/20°C
18 ÷ 21 s



2-3X (50 µm)
3 ÷ 4 bar, Ø1.3 ÷ 1.4 mm



5 ÷ 10 min/20°C



Operational hardness
14 h/20°C, 45 min/60°C

VOC II/B/e limit* = 840 g/l
VOC = 545 g/l

* for ready to use mixture acc. to EU Directive 2004/42/CE



HIGH HARDNESS



More information about
products' use and storage
in Technical Data Sheet
LT-03-15





NOVAKRYL 540

ACRYLIC CLEARCOAT

NOVAKRYL 540 – an acrylic clearcoat that is highly scratch resistant (SR). The product has a very short drying time. It is recommended for fast repairs. The product reaches operating hardness in just 20 min at 60°C or after 8 h at 20°C. Does not lose gloss over time. It is UV and weather resistant.

Article-No	Unit package (l)	Cumulative package (pcs.)
NOVAKRYL 540		
38061	1,0	6
Hardener H 5140		
35661	0,5	6



2 + 1 + 20%



DIN 4/20°C
16 ÷ 18 s



2-3X, 3 ÷ 4bar
Ø1.3 ÷ 1.4 mm



3 ÷ 5 min /20°C



Operational hardness
8 h /20°C
20 min/60°C



VOC II/B/e limit* = 840 g/l
VOC = 620 g/l
* ready to apply mixture compliant with Directive 2004/42/CE



More information about
products' use and storage
in Technical Data Sheet
LT-03-17



FAST DRYING



NOVAKRYL 570

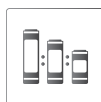
ACRYLIC CLEARCOAT 2+1



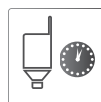
NOVAKRYL 570 – acrylic clearcoat with Scratch Resistant properties. It is very easy in application, good flow and fast drying, which facilitates repair and shortens the time of car remaining in spray booth. Its hardness high gloss, UV stability and weather resistance guarantee excellent appearance and durability of the coat. NOVAKRYL 570 is available in versions with the slow, standard or fast hardener; the selection of specific hardener depends on the application conditions.

Article-No	Unit package (l)	Cumulative package (pcs.)
NOVAKRYL 570		
38071	1,0	6
38073	5,0	4
Hardener H 5120 standard		
35631	0,5	6
35633*	1,0	6
35636	2,5	4
Hardener H 5120 fast		
35641	0,5	6
35643*	1,0	6
35646	2,5	4
Hardener H 5120 slow		
35651	0,5	6
35653*	1,0	6
35656*	2,5	4

* Products available on order



2+1+20%



DIN 4/20°C
16÷18 s



2-3X, 3 ÷ 4bar
Ø1.3 ÷ 1.4mm



5 ÷ 10 min/20°C



Operational hardness
14 h/20°C
45 min/60°C

VOC II/B/e limit* = 840 g/l
VOC = 565 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



GOOD FLOW



More information about
products' use and storage
in Technical Data Sheet
LT-03-06





NOVAKRYL 580

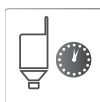
ACRYLIC CLEARCOAT 2+1

Article-No	Unit package (l)	Cumulative package (pcs.)
NOVAKRYL 580		
38081	1,0	6
38083	5,0	4
Hardener H 5120 standard		
35631	0,5	6
35633*	1,0	6
35636	2,5	4
Hardener H 5120 fast		
35641	0,5	6
35643*	1,0	6
35646	2,5	4
Hardener H 5120 slow		
35651	0,5	6
35653*	1,0	6
35656*	2,5	4

* Products available on order



2 + 1 + 0%
or 2 + 1 + 10%



17-19 s
or thinned
DIN 4/20°C, 15-17 s



1-5X (50 µm)
or 2-3X (50 µm)
3 ÷ 4 bar, Ø1.3 ÷ 1.4 mm



5 ÷ 10 min/20°C



Operational hardness
11 h/20°C
35 min/60°C

NOVAKRYL 580 – an acrylic clearcoat that has a high solids content and is highly scratch resistant (SR). High hardness, UV resistance and weather resistance guarantee high durability, while the gloss and depth ensure an excellent appearance of the paint coating. The recommended coating thickness is produced by applying one and a half layer; the good flowability and quick drying ensure easy repair and short time of processing in the painting cabin. It is available in versions with the slow, standard or fast hardener; the selection of specific hardener depends on the application conditions. Due to its properties, NOVAKRYL 580 is a clearcoat that enables easy reproduction of the factory paint coating structure.



VOC II/B/e limit* = 840 g/l

VOC = 560 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



More information about
products' use and storage
in Technical Data Sheet
LT-03-07



HIGH GLOSS



NOVAKRYL 590

ACRYLIC CLEARCOAT 2+1



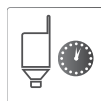
NOVAKRYL 590 – an acrylic clearcoat that has a high solids content and is highly scratch resistant (SR). High hardness, UV resistance and weather resistance guarantee high durability, while the gloss and depth ensure an excellent appearance of the coated surface. The recommended coating thickness is obtained by applying one and a half layer. The good flowability and quick drying time assure easy repair and short time of processing in the painting cabin. It is available in versions with the slow, standard or fast hardener; the selection of specific hardener depends on the application conditions. Due to its properties, NOVAKRYL 590 is a clearcoat that enables easy reproduction of the factory paint coating structure. It has good dry spray absorption, which makes it perfect for coating of large surfaces.

Article-No	Unit package (l)	Cumulative package (pcs.)
NOVAKRYL 590		
38091	1,0	6
38093	5,0	4
Hardener H 5120 standard		
35631	0,5	6
35633*	1,0	6
35636	2,5	4
Hardener H 5120 fast		
35641	0,5	6
35643*	1,0	6
35646	2,5	4
Hardener H 5120 slow		
35651	0,5	6
35653*	1,0	6
35656*	2,5	4

* Products available on order



2 + 1 + 0%
or 2 + 1 + 10%



17-19 s or thinned
DIN 4/20°C
15-17 s



1-5X (50 µm)
or 2-3X (50 µm)
3 ÷ 4 bar, Ø1.3 ÷ 1.4 mm



5 ÷ 10 min/20°C



Operational hardness
14 h/20°C
45 min/60°C

VOC II/B/e limit* = 840 g/l
VOC = 545 g/l

* ready to apply mixture compliant with Directive 2004/42/CE



GOOD FLOW



More information about
products' use and storage
in Technical Data Sheet
LT-03-08





NOVAKRYL 2+1 MS

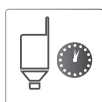
ACRYLIC CLEARCOAT 2+1

Article-No	Unit package (l)	Cumulative package (pcs.)
NOVAKRYL 2+1 MS		
8001	1,0	6
8003	5,0	4
Hardener H 5120 standard		
35631	0,5	6
35633*	1,0	6
35636	2,5	4
Hardener H 5120 fast		
35641	0,5	6
35643*	1,0	6
35646	2,5	4
Hardener H 5120 slow		
35651	0,5	6
35653*	1,0	6
35656*	2,5	4

* Products available on order



2 + 1 + 20%



DIN 4/20°C
16-18 s



2-3X, 3 ÷ 4bar
Ø1.3 ÷ 1.4mm



5 ÷ 10 min/20°C



Operational hardness
14 h/20°C
45 min/60°C

Product for professional use only. Do not compliant with directive UE 2004/42/CE.

The product could be applied around the UE only when it meets the additional requirements of the directive UE 1993/13/WE and national regulations which are the implementation of the directive mentioned above.



More information about
products' use and storage
in Technical Data Sheet
LT-03-01



EXCELLENT
FLUIDITY



NOVAKRYL 2+1 HS

ACRYLIC CLEARCOAT



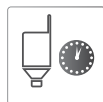
NOVAKRYL 2+1 HS – an acrylic clearcoat with increased solids content. High hardness, UV resistance and weather resistance guarantee high durability, whereas the gloss and depth ensure an excellent appearance of the paint coating. The recommended coating thickness is produced by applying one and a half layer; the good flowability and quick drying ensure easy repair and short time of processing in the painting cabin. NOVAKRYL 2+1 HS is available in versions with the slow, standard or fast hardener; the selection of specific hardener depends on the application conditions. Due to its properties, NOVAKRYL 2+1 HS is a clearcoat that enables easy reproduction of the factory paint coating structure.

Article-No	Unit package (l)	Cumulative package (pcs.)
NOVAKRYL 2+1 HS		
38043	1,0	6
38044	5,0	4
Hardener H 5120 standard		
35631	0,5	6
35633*	1,0	6
35636	2,5	4
Hardener H 5120 fast		
35641	0,5	6
35643*	1,0	6
35646	2,5	4
Hardener H 5120 slow		
35651	0,5	6
35653*	1,0	6
35656*	2,5	4

* Products available on order



2+1+0%
or 2+1+10%



17-19 s or thinned
DIN 4/20°C
15-17 s



1-5X (50 µm)
or 2-3X (50 µm)
3 ÷ 4 bar, Ø1.3 ÷ 1.4 mm



5 ÷ 10 min/20°C



Operational hardness
14 h/20°C
45 min/60°C

Product for professional use only. Do not compliant with directive UE 2004/42/CE.
The product could be applied around the UE only when it meets the additional requirements of the directive UE 1993/13/WE and national regulations which are the implementation of the directive mentioned above.



PERFECT GLOSS



More information about
products' use and storage
in Technical Data Sheet
LT-03-02



FILLERS AND CLEARCOATS



FLASH 900

STRUCTURE TOPCOAT

FLASH 900 – structure topcoat. One-component thermoplastic product applied with a spray gun or in aerosol dispenser. It is fast drying product with very good hiding power. FLASH 900 is characterized with special texture surface which simulates plastic.

Article-No	Unit package (l)	Cumulative package (pcs.)
38104	0,75	3



To thin
DIN 4/20°C
53 ÷ 59 s



1,5 ÷ 2X, 3 ÷ 4 bar
Ø 1,6 ÷ 1,8 mm



5 ÷ 10 min/ 20°C



Operational hardness
14 h / 20°C



VOC II/B/e limit* = 840 g/l
VOC = 680 g/l
* ready to apply mixture compliant with directive 2004/42/CE

Color:
■



More information about
products' use and storage
in Technical Data Sheet
LT-03-10



FAST DRYING



OLD PAINTS COATINGS •
(INCLUDING
THERMOPLASTIC PAINTS)
PLASTICS •
ACRYLIC FILLERS •



FLASH 910

ACRYLIC TOPCOAT 1K BLACK MAT

FLASH 910 – a one-component smooth acrylic topcoat in black and matt finish. Intended for application with spray guns on steel and wooden surfaces. The topcoat is a fast drying product with very good hiding power.

Article-No	Unit package (l)	Cumulative package (pcs.)
32001	1,00	6



3+1



DIN 4/20°C
16-22 s



2-3X, 3 ÷ 4bar
Ø1.3 ÷ 1.4 mm



5 ÷ 10 min / 20°C



Operational hardness
14 h / 20°C



VOC II/B/e limit* = 840 g/l
Actual VOC content = 680 g/l
* For ready to use mixture acc. to EU Directive 2004/42/EC

Color:
■



More information about
products' use and storage
in Technical Data Sheet
LT-03-11



PRECISELY COVERS



POLYESTER LAMINATES •
OLD PAINTS COATINGS •
(INCLUDING THERMOPLASTIC PAINTS)
ACRYLIC, POLYURETHANE •
AND EPOXY FILLERS REFINISHING



GRAVIT 600

ANTIGRAVEL



ANTIGRAVEL GRAVIT 600 is one-component product based on synthetic resins. It forms durable, elastic layer resistant to damage by stones. It protects against corrosion, petrol, oil, water and salt. It does not contain any asphalt or bitumen. It can be coated with various topcoats. It absorbs sounds and vibration.

Article-No	Unit package (l)	Cumulative package (pcs.)
37831 (white)	1,00	12
37841 (black)	1,00	12
37811 (grey)	1,00	12
37838 (white)	1,80	8
37848 (black)	1,80	8
37818 (grey)	1,80	8

Color:



VOC II/B/e limit* = 840 g/l
VOC = 560 g/l

* ready to apply mixture compliant with directive 2004/42/CE



- TWO-COMPONENT ACRYLIC FILLERS
- POLYESTER PUTTIES
- EPOXY PROMERS
- STEEL • ALUMINIUM
- GALVANIZED STEEL
- STAINLESS STEEL
- WASH PRIMERS • PLASTICS
- POLYESTER LAMINATES



STRONG
AND ELASTIC
LAYER



More information about
products' use and storage
in Technical Data Sheet
LT-07-01



GRAVIT 610

ANTIGRAVEL



ANTIGRAVEL GRAVIT 610 is one-component product based on synthetic resins. It forms a durable, very elastic layer of coarse-grained structure, resistant to damage by stones. It protects against petrol, oil, water and salt, does not contain any asphalt or bitumen. It can be coated with various topcoats and absorbs sound and vibration. It is ecological product with lower solvent contents.

Article-No	Unit package (l)	Cumulative package (pcs.)
37941	1,00	12

Color:



VOC II/B/e limit* = 840 g/l
VOC = 500 g/l

* ready to apply mixture compliant with directive 2004/42/CE



- NOVOL POLYESTER PUTTIES
- STEEL • ALUMINIUM
- GALVANIZED STEEL
- STAINLESS STEEL • WASH PRIMERS
- PLASTICS • POLYESTER LAMINATES
- EPOXY PRIMERS
- TWO-COMPONENT ACRYLIC FILLERS



ABSORBS SOUND
AND VIBRATION



More information about
products' use and storage
in Technical Data Sheet
LT-07-02





GRAVIT 620

METAL JOINTS SEALANT

Article-No	Unit package (kg)	Cumulative package (pcs.)
33109	1,00	12

GRAVIT 620 is one-component product which hardens in room temperature by evaporation of thinners. It forms a durable and very elastic seal. It doesn't flow down, doesn't leave any scratches and guarantees optimum adhesion to untreated and painted steel sheets. After drying can be painted with any acrylic lacquers. Should be applied with stiff brush.



VOC II/B/e limit* = 840 g/l
VOC = 420 g/l
* ready to apply mixture compliant with directive 2004/42/CE

Color:



More information about products' use and storage in Technical Data Sheet LT-07-05



SEALING SOLUTIONS



GRAVIT 620 IS USED TO SEAL • AND COAT PRESSURE WELDED, FUSION WELDED, BONDED, OVERLAPPING, LAPPED AND BRAZED JOINTS OF METAL SHEETS.



GRAVIT 630

POLYURETHANE SEALANT

Article-No	Unit package (ml)	Cumulative package (pcs.)
33301 (white)	300	12
33101 (grey)	300	12
33201 (black)	300	12

GRAVIT 630 is one-component, fast hardening product. As a result of chemical reaction with the air moisture it forms a tough and elastic coating. Thanks to thixotropic consistence it doesn't flow down even in thick layer. It also has a low shrinkage and doesn't crack. High elasticity and endurance enable using it to eliminate vibrations and strengthen the car structure. The GRAVIT 630 polyurethane sealing compound has a very good adhesion to raw or coated metal sheets, as well as glass, concrete, wood and ceramics. It is coatable with all primers and acrylic clearcoats. Water resistant and weather resistant.



VOC II/B/e limit* = 840 g/l
VOC = 140 g/l
* ready to apply mixture compliant with directive 2004/42/CE

Color:



More information about products' use and storage in Technical Data Sheet LT-07-04



SEALING AND BONDING SOLUTIONS



RECOMMENDED FOR SEALING • JOINTS OF WELDED BODY CAR PARTS SUCH AS HOOD, LIGHT FITTING, ROOF, WINDOW FRAME AND OTHERS



GRAVIT 640

CAVITY PROTECTION



GRAVIT 640 is one component wax-lanoline product drying in a room temperature by evaporation of thinner. It perfectly protects against corrosion. It penetrates very good, forms flexible coating protecting against water and salt. It has good abilities to remove moisture from the substrate.

Article-No	Unit package (l)	Cumulative package (pcs.)
37701	1,00	12

Color:



VOC II/B/e limit* = 840 g/l
VOC = 540 g/l

* ready to apply mixture compliant with directive 2004/42/CE



• DESIGNED TO PROTECT CLOSED SPACES OF BODY CAR LIKE DOOR, BONNET, THRESHOLDS AND OTHERS



CAVITY PROTECTION



More information about products' use and storage in Technical Data Sheet LT-07-06



GRAVIT 650

2 IN 1 SEALANT AND CAR BODY PROTECTION



Product that give a strong elastic layer with stone chipping resistance. The product limits penetration by moisture to enhance anti-corrosion protection. The product protects against petrol, oils, water and salt. It has sound-absorbing and sound-proofing properties and can also be used for sealing body joints. The product is based on synthetic resins, free of asphalts or bitumen, and coatable with any acrylic coats.

Article-No	Unit package (l)	Cumulative package (pcs.)
37761	1,00	12

Color:



VOC II/B/e limit* = 840 g/l
Actual VOC content = 515 g/l

* For ready to use mixture acc. to EU Directive 2004/42/CE



• TWO-COMPONENT ACRYLIC FILLERS
• POLYESTER PUTTIES • EPOXY PRIMERS
• STEEL • ALUMINIUM
• GALVANISED STEEL • STAINLESS STEEL
• WASH PRIMERS • PLASTICS
• POLYESTER LAMINATES



PROTECTS AGAINST WEATHER



More information about products' use and storage in Technical Data Sheet LT-07-07



COMPLEMENTARY PRODUCTS



GRAVIT 660

BITUMEN UNDERBODY COATING

Article-No	Unit package (l)	Cumulative package (pcs.)
37791	1,00	12

The product creates a strong, elastic layer with sound-proofing qualities and anti-gravel strength. The product provides weather protection of the underbody in passenger vehicles, buses and coaches, construction machines and trucks. The product is resistant to water, salt, acids and bases, providing a coating with good insulating performance. It is easy to apply and does not run. Gravit 660 cannot be coated with other paint coats.



VOC II/B/e limit* = 840 g/l
Actual VOC = 330 g/l
* For ready to apply mixtures acc. to EU Directive 2004/42/EC

Color:



More information about products' use and storage in Technical Data Sheet LT-07-08



SOUND-PROOFS AND PROTECTS



TWO-COMPONENT ACRYLIC PRIMERS •
POLYESTER PUTTIES •
EPOXY PRIMERS • STEEL •
GALVANIZED STEEL •
STAINLESS STEEL •



PLUS 700

ADHESION INCREASING AGENT

Article-No	Unit package (l)	Cumulative package (pcs.)
39091	0,50	6

PLUS 700 is a one-component product for increasing adhesion of polyurethane and acrylic products to various surfaces, mostly for plastics (also for polypropylene and its copolymers).



Degrease



Sand



Degrease



DIN 4/20°C
10 ÷ 12 s



1 ÷ 2X, 3 ÷ 4 bar
Ø1.3 ÷ 1.4 mm



5 ÷ 10 min/20°C



15 min/20°C



VOC = 840 g/l



More information about products' use and storage in Technical Data Sheet LT-04-09



INCREASES THE ADHESION



PLASTICS, ESPECIALLY POLYPROPYLENE PP AND ITS COPOLYMERS
STEEL • ALUMINIUM •
GALVANIZED STEEL •
POLYESTER AND EPOXY LAMINATES •
WOOD • PAPER •



PLUS 710

REPAIR BOX



PLUS 710 – repair box which consist of polyester resin, hardener and glass fiber mat. It forms rigid laminate with a very good mechanical strength and it may be used for repairing large damages (e.g. caused by corrosion). It can be used for repairing metal or plastic surfaces. When cured, it may be sanded and coated with any polyester putties, to achieve enough smooth surface.

Article-No	Unit package (kg)	Cumulative package (pcs.)
36101	0,25	20



Clean and sand the substrat



Degrease



Prepare the mat



Potlife 10-15min/20°C



Apply the resin



Put the mat



Apply the resin



Wait 45 min/20°C



P80-P120



- POLYESTER LAMINATES
- STEEL
- ALUMINIUM
- WOOD
- 2 COMPONENT ACRYLIC PRIMERS
- OLD PAINT COATINGS



STRENGTHENS AND STIFFS



More information about products' use and storage in Technical Data Sheet LT-04-05



PLUS 720

POLYESTER RESIN



PLUS 720 is a product for manual application. It contains unsaturated polyester resin with suitable catalysts. The 50% paste of benzoyl peroxide should be used as hardener (Novol Art. No. 5022). Polyester Resin is suitable for repairing holes and rust damages in car bodies, as well as for laminating yachts, boats and caravans. Obtained coat has an excellent adhesion to the substrate. It is the same material as in the repair box but it is supplied in bigger containers. Compatible with any type of glass fiber mat or woven roving.

Article-No	Unit package (kg)	Cumulative package (pcs.)
36112	1,0	6



Clean and sand the substrat



Degrease



Prepare the mat



Potlife 10-15 min/20°C



Apply the resin



Put the mat



Apply the resin



Wait 45 min/20°C



P80-P120



- POLYESTER LAMINATES
- STEEL • WOOD
- ALUMINIUM
- 2 COMPONENT ACRYLIC PRIMERS
- OLD PAINTS COATINGS



STRENGTHENS AND STIFFS



More information about products' use and storage in Technical Data Sheet LT-04-06



COMPLEMENTARY PRODUCTS



PLUS 730

GLASS FIBER MAT

Intended for laminating with polyester resin. Several sizes varying in thickness (gram per square metre) are offered. Glass mat guarantees an even reinforcement of the lamination in all directions.

Article-No	Basis Weight	Unit package [m ²]	Cumulative package (pcs.)
PLUS 730			
36000	150	0,5	25
36001	300	0,5	20
36003	450	0,5	15



PLUS 740

WOVEN ROVING

Intended for laminating with polyester resin. Several sizes varying in thickness (gram per square metre) are offered. The fabrics ensure a far greater durability in the direction in which the fibers run.

Article-No	Basis Weight	Unit package [m ²]	Cumulative package (pcs.)
PLUS 740			
36010	150	0,5	60
36012	350	0,5	40
36014	500	0,5	20

PLUS 750

ACCELERATING AGENT



PLUS 750 is a product significantly shortening the drying and hardening time of two-component acrylic and polyurethane products. It is recommended to use especially in low temperature and high air humidity. In NOVAKRYL acrylic clearcoats identical effects are achieved while applying fast hardeners.

Article-No	Unit package (l)	Cumulative package (pcs.)
39030	0,3	12



- ACRYLIC TWO-COMPONENT PRODUCTS FROM NOVOL RANGE (FILLERS, CLEARCOATS, ENAMELS)



SHORTENS DRYING
AND CURING TIME



More information about
products' use and storage
in Technical Data Sheet
LT-04-02



PLUS 760

ANTISILICONE ADDITIVE



PLUS 760 – an agent that prevents pinholes which occur after contamination of surfaces with silicone or by greasing. If pinholes appear on the first paint coating, apply the second with PLUS 760.

Article-No	Unit package (l)	Cumulative package (pcs.)
39050	0,3	12



- ACRYLIC CLEARCOAT AND ACRYLIC ENAMELS FROM NOVOL RANGE



PREVENTS PINHOLES



More information about
products' use and storage
in Technical Data Sheet
LT-04-04



COMPLEMENTARY PRODUCTS



PLUS 770

ELASTICITY INCREASING AGENT

PLUS 770 is a plasticizer for acrylic and polyurethane products designed mainly for application on to car body parts made of plastics. It prevents cracking and chipping of the fillers and topcoats on elastify, deforming elements. It may be used to elasticity of topcoats on elements exposed to damage by stones (e.g. front strip, bonnet).

Article-No	Unit package (l)	Cumulative package (pcs.)
39001	0,5	6



More information about products' use and storage in Technical Data Sheet LT-04-01



PREVENTS CRACKS
AND STONE CHIPS



ACRYLIC CLEARCOAT AND ACRYLIC ENAMELS •
FROM NOVOL RANGE



PLUS 780

SILICONE REMOVER

PLUS 780 - mixture of strong organic solvents that enables fast and effective cleaning of surfaces of various contaminants, including fats, oils, silicone, etc. It is a remover used between specific operations, e.g. after sanding and blowing off the sand dust from the putty, primer, etc.

Article-No	Unit package (l)	Cumulative package (pcs.)
39042	1,0	6
39046	5,0	4



More information about products' use and storage in Technical Data Sheet LT-04-03



FAST CLEANING



STEEL SURFACES •
ALUMINIUM SURFACES •
GALVANIZED STEEL •
STAINLESS STEEL • OLD PAINT COATINGS •
ACRYLIC • FILLERS • POLYESTER PUTTIES •



PLUS 800

INITIAL DEGREASER



PLUS 800 – mixture of strong organic solvents that enables fast and effective cleaning of surfaces of various contaminants, including tar, asphalt, wax, silicone, etc. The product is intended for initial preparation of surfaces, especially those with strong contamination. It is excellent as a remover for persistent contaminants from operation of vehicles.

Article-No	Unit package (l)	Cumulative package (pcs.)
39022	1,0	6

VOC limit (cat. B/1) = 850 g/l
VOC = 790 g/l



- STEEL SURFACES
- ALUMINIUM
- GALVANIZED STEEL
- STAINLESS STEEL
- OLD PAINTS COATINGS
- ACRYLIC • FILLERS
- POLYESTER PUTTIES



FAST AND
THOROUGH CLEANING
OF THE SURFACE



More information about
products' use and storage
in Technical Data Sheet
LT-04-03



THIN 850

ACRYLIC THINNER



THIN 850 is a mixture of solvents giving a product applied for thinning all fillers and acrylic lacquers. It occurs in three versions: fast, standard and slow, which allow to use appropriate thinner depending on temperature of work and size of repair.

Article-No	Type	Unit package (l)	Cumulative package (pcs.)
32101	standard	0,5	20
32111	fast	0,5	20
32121	slow	0,5	20
32102	standard	1,0	6
32106	standard	5,0	4
32116	fast	5,0	4
32126	slow	5,0	4

Color:
COLORLESS

COMPLEMENTARY PRODUCTS



THIN 860

EPOXY THINNER

THIN 860 – is a mixture of suitable solvents intended for thin epoxy products. It can be used for cleaning tools, dirty with epoxy products.

Article-No	Unit package (l)	Cumulative package (pcs.)
32172	1,0	6



More information about
products' use and storage
in Technical Data Sheet
LT-02-09



THIN 870

THINNER FOR BASECOATS

THIN 870 is universal thinner for base-coats. It is compatible with majority base-coats available on the market. Ensures proper drying and arrangement of grain.

Article-No	Unit package (l)	Cumulative package (pcs.)
32141	0,5	20
32142	1,0	5
32146	5,0	4



More information about
products' use and storage
in Technical Data Sheet
LT-06-04



THIN 880

THINNER FOR POLYESTER SPRAY PUTTY



THIN 880 is very fast evaporating thinner. It is assigned for diluting the Polyester Spray Putty. It ensures proper application and evaporation of putty.

Article-No	Unit package (l)	Cumulative package (pcs.)
32201	0,5	20



More information about products' use and storage in Technical Data Sheet LT-01-13



THIN 890

FADE OUT THINNER



THIN 890 – a special thinner intended for cancelling optical color difference between the interface of the old paint coating and the new acrylic coating. The specially selected thinners allow producing a smooth transition at the clearcoat fade out zone.

Article-No	Unit package (l)	Cumulative package (pcs.)
32151	0,5	20
32156*	5,0	4

* Products available on order



More information about products' use and storage in Technical Data Sheet LT-06-05



COMPLEMENTARY PRODUCTS

MASKING PAPER

Universal masking paper, smoothened, biodegradable.

Type	Width	Package	Article-No
40 g	30 cm	1 pcs.	39300
	60 cm	1 pcs.	39301
	90 cm	1 pcs.	39302
	120 cm	1 pcs.	39303
45 g	30 cm	1 pcs.	39310
	60 cm	1 pcs.	39311
	90 cm	1 pcs.	39312
	120 cm	1 pcs.	39313



PAPER RACK

A very convenient and practical covering paper rack. It allows for a quick and easy exchange of rolls.

Rack 1P – vertical, single rack for a 150 cm roll.

Rack 2P – 2 levels – for 90 cm, 60 cm and 30 cm paper

Rack 3P – 3 levels – for 120 cm, 90 cm, 30 cm, 60 cm paper.

Type	Package	Article-No
1P	1 pcs.	39953
2P	1 pcs.	39954
3P	1 pcs.	39955



PROTECTIVE PLASTIC WRAP – STANDARD

PE-HD 7 μ m plastic wrap – protects from paint, dust and dampness.

Size	Package	Article-No
4m x 5m	40 pcs.	39398





NOVOL STANDARD PROTECTIVE PLASTIC WRAP

Cutting-edge HDPE plastic wrap with perpendicular fiber structure. Protection from dust, paint and dampness.

Size	Package	Article-No
4m x 5m	50 pcs.	39397



NOVOL MASKING TAPE

The top-quality paper masking tape is used for protecting and covering surfaces during painting, repairing, varnishing etc. The tape is perfect for use on uneven surfaces. In the case of smooth and even surfaces, the basic advantage of the tape is ensuring clean edges during painting. It endures temperatures of up to 80°C.

Type	Package	Article-No
19 mm x 50 m	48 pcs.	39215
25 mm x 50 m	36 pcs.	39216
30 mm x 50 m	32 pcs.	39217
38 mm x 50 m	24 pcs.	39218
50 mm x 50 m	18 pcs.	39219



GERBAND MASKING TAPE

Paper tape with increased endurance and adhesion is used for protecting and covering surfaces during painting, repairing, coating etc. The tape is perfect for use on uneven surfaces. In the case of smooth and even surfaces, the basic advantage of the tape is ensuring clean edges during painting. It endures temperatures of up to 80°C.

Type	Package	Article-No
19 mm x 50 m	48 pcs.	39205
25 mm x 50 m	36 pcs.	39206
30 mm x 50 m	32 pcs.	39207
38 mm x 50 m	24 pcs.	39208
50 mm x 50 m	24 pcs.	39209

COMPLEMENTARY PRODUCTS

NOVOL FOAM FOR RECESSES

Polyurethane foam for filling car recesses between the doors, engine and booth cover etc. It adjusts easily to profiles due to which it can be used in all types of vehicles. It shortens the time and improves the quality of the work performed by securing door seals and levelling a sharp coat boundary.

Type	Package	Article-No
13 mm/ 20 mb	1 pcs.	39273



DOUBLE-SIDED TAPE

Used mainly in automotive industry for mounting battens, logos, etc. Resistant to atmospheric conditions, salt, water, UV radiation and temperature from -40°C to +90°C. Used also as a very strong universal tape, for instance, when attaching posters, hooks, racks, decorative profiles etc.

Type	Package	Article-No
6 mm/5 m	10 pcs.	39240
9 mm/5 m	10 pcs.	39241
12 mm/5 m	10 pcs.	39243
15 mm/5 m	10 pcs.	39244
19 mm/5 m	10 pcs.	39245
25 mm/5 m	10 pcs.	39246



NOVOL COVERING-TILTING TAPE

Self-adhesive tape for covering and simultaneous tilting car rubber seals. It allows coating element under rubber, protecting it from getting dirty. It is resistant to high temperatures, solvents and coats. It can also be used to cover other elements of the car's body, for example, the seals of tilting roofs, lamps and covering spaces between various parts.

Type	Package	Article-No
10 mm	1 pcs.	39262
15 mm	1 pcs.	39264
19 mm	1 pcs.	39265



NOVOL COATING MUG



Black scaled mug for mixing coat. Made of polypropylene (transparent and safe material of high durability) The mug is easy to empty which contributes to sparing materials. Printed scale facilitates exact measurement.

Type	Capacity	Package	Article-No
Coating Mug	0,385 l	200 pcs.	39102
Painting cup lid 0,385l	—	200 pcs.	39112
Painting cup feeder 0,385l	—	1 pcs.	39162
Coating Mug	0,75 l	200 pcs.	39100
Painting cup lid 0,75	—	200 pcs.	39110
Painting cup feeder 0,75	—	1 pcs.	39160
Coating Mug	1,4 l	200 pcs.	39101
Painting cup lid	—	200 pcs.	39111
Painting cup feeder	—	1 pcs.	39161
Coating Mug	2,3 l	100 pcs.	39103
Painting cup lid	—	100 pcs.	39113
Painting cup feeder	—	1 pcs.	39163

The mugs are available in blanco version.

NOVOL MEASURING STICK



Aluminium measuring stick which guarantees dispensing adequate proportions of hardener and thinner in relation to acrylic and basecoat as well as primers. The measurements with the stick should be taken in a cylindrical container.

Type	Package	Article-No
2:1 3:1 small	1 pcs.	39688
4:1 5:1 small	1 pcs.	39689
2:1 3:1 big	1 pcs.	39698
4:1 5:1 big	1 pcs.	39699

COMPLEMENTARY PRODUCTS

HIDING POWER TEST

The aim of a hiding power test is to perform a test spraying in order to indicate the hiding power of a basecoat or acrylic paint. On one side there is a black and white checker which is to facilitate the indication of hiding power. The other side is covered with stripes in various shades of grey (white, light grey, grey, dark grey, black) which makes it possible, especially in the case of transparent colors, to assess the influence of the base color for the final color. Size: 205 x 140 mm.

Package	Article-No
50 pcs.	39158



SPRAYING PANELS

Steel plate for spraying and comparing colors both in a conventional and waterborne system. A black strap (in the middle of the panel) facilitates assessment of the coat hiding power. Available in 4 colors: white, light grey, grey and dark grey.

Type	Package	Article-No
White	750 pcs.	39796
Light grey	750 pcs.	39797
Grey	750 pcs.	39798
Dark grey	750 pcs.	39799



NYLON VARNISH SIEVE

Disposable paper sieve with a nylon insert used for removing mechanical contamination from paints and coats before painting.

Type	Package	Article-No
125 μ m	250 pcs.	39134
190 μ m	250 pcs.	39135





PRESSURIZED CONTAINER

A high-pressure sprayer for the application of cleaners. The sprayer generates high pressure using a pumping action, and the special nozzle atomizes the liquid to spray it over the target surface.

Type	Package	Article-No
1 l	1 szt.	39966

PALLET KNIVES



Metal pallet knives for spreading car fillers. A set contains 4 pieces of various widths.

Package	Article-No
1 set – 4 pcs. (50 pcs.-carton)	39734

PALLET KNIFE



Hard plastic pallet knife for flat surfaces.

Package	Article-No
1 set – 10 pcs.	39714



SPATULA CLEANING DEVICE

The best and quickest method of cleaning coating spatulas.

The device operates in a very simple way; at the same time it is easy to use: simply pour thinner to the container, insert a dirty spatula to one of the cleaning plate apertures and the device will take care of the rest. Appropriately shaped cleaning knives were selected in a way which makes them collect all the contamination in the most effective manner. Six notches in the stand allow for setting the previously cleaned spatula aside until it dries and the thinner evaporates, thanks to which the spatula is ready to use at any time.



PUTTY MIXING PAD

A mixing pad with disposable cardboard inserts that are fixed on a stable base. The product allows thorough mixing of two putty components.

Package	Article-No
1 set – 10 pcs.	39760

COMPLEMENTARY PRODUCTS

MUFFLING MAT

Self-adhesive bituminous mat for muffling car boots, doors and floors. It improves the acoustics of car doors, reduces vibrations, increases the rigidity of big pieces of plate, reduces external noises.

Type	Size	Package	Article-No
TEXTURED	25 x 50 cm	20 pcs.	39199
TEXTURED	50 x 50 cm	10 pcs.	39197
PLAIN	25 x 50 cm	20 pcs.	39189
PLAIN	50 x 50 cm	10 pcs.	39187



VELCRO POLISHING SPONGE

Polishing sponges are used for polishing and sanding varnish coats of various types. An impressive polishing effect is achieved by the high quality of material the sponge is made of. The foam structure allows keeping water inside, which accelerates the absorption of heat from the polished surface. Depending on the operation being performed, it is possible to select a sponge of an appropriate hardness (hard, medium and very soft). Polishing sponges can be used together with pneumatic or electric driven polishing machines. They enable both dry and wet sanding within the speed range of 600 to 2000 rpm at most without loading.

Available with three types of threads: M14, M16 and with a sticker.

Type	Package	Article-No
with a sticker	A – white with a sticker	1 pcs. 39801
	B –pink with a sticker	1 pcs. 39811
	C – black with a sticker	1 pcs. 39821
M14	A – white M14	1 pcs. 39800
	B – pink M14	1 pcs. 39810
	C – black M14	1 pcs. 39820
M16	A – white M16	1 pcs. 39803
	B – pink M16	1 pcs. 39813
	C – black M16	1 pcs. 39823



OVERALLS



Professional overalls made of strong and long-lasting fabric (cotton 35%, polyester 65%) guarantee a long time of use and high level of comfort.

Size	Package	Article-No
M	1 pcs.	39430
L	1 pcs.	39431
XL	1 pcs.	39432
XXL	1 pcs.	39433

NOVOL TYVEK COATING OVERALLS



White coating overalls made of Tyvek of a fabric weight 42g/m². Protect from dust and liquid particles (they provide protection compliant with the 3rd category of protective clothing, Type 5 – dust-proof, Type 6 – a limited spraying tightness). They are durable and resistant to tearing and frays as well as being antielectrostatic and comfortable. Tyvek is waterproof but it lets air and steam permeate.

Size	Package	Article-No
M	1 pcs.	39400
L	1 pcs.	39401
XL	1 pcs.	39402
XXL	1 pcs.	39403

BLUE PRAKTIKA OVERALLS



Blue protective overalls made of polypropylene nonwoven fabric of 40g/m², which, considering their lightness, provide sufficient mechanical resistance. They efficiently protect against dirt, do not cause overheating or perspiring, whilst providing a high level of comfort. Sufficient protection from dust > 5 μm.

Size	Package	Article-No
L	1 pcs.	39411
XL	1 pcs.	39412
XXL	1 pcs.	39413

COMPLEMENTARY PRODUCTS

ANTI-DUST HALF-MASK WITH VALVE

Half-masks with a valve protect the upper respiratory tract in an efficient way in a non-toxic dust environment. The anatomical shape of the half-mask (cupola construction) in combination with the possibility to form a steel nose covering as well as the elastic head bands provide easy adjustment and the required adhesion tightness; at the same time, they keep the filtering needled cloth far enough away from the face.

Package	Article-No
1 pcs.	39498



ANTI-DUST HALF-MASK WITHOUT VALVE

Half-masks without a valve protect the respiratory system from solid particles. The anatomical shape of the half-mask, the possibility to form a steel nose covering with a foam spacer as well as the elastic head bands provide easy adjustment and the required adhesion tightness keeping the filtering needled cloth far enough away from the face.

Package	Article-No
1 pcs.	39499



WHITE TECHNICAL CLEANING CLOTH ROLLS

Top-quality white cellulose cleaning cloth for use in various situations. Higher mechanical resistance. Thanks to the appropriate structure (imprints on the surface), it is highly efficient and absorptive. Raising dust while using it is unlikely. It does not scratch surfaces and does not leave streaks. Perfect for cleaning where precision and accuracy is of great importance.

Type	Size	Length	Package	Article-No
Double-layer	24 x 24 cm	192 cm	2 pcs.	39510
Three-layer	26 x 38 cm	180 cm	2 pcs.	39511



ANTISTATIC CLOTH



The antistatic cloth is made of a fabric characterised by a good conductivity and impregnated with an antistatic agent, which makes it possible to remove electrostatic charges collecting on the body of the car during coating processes. The viscous surface of the cloth enables removal of dust and paint dust; at the same time it does not leave streaks on the body of the car while covering with the basecoat. When using, strong pressing or rubbing should be avoided; simply wipe the surface intended for coating gently. The antistatic cloth is reusable.

Type	Package	Article-No
STAUBFIX	5 pcs.	39500
NOVOL ANTISTATIC & DUST-REPELLING CLOTH	10 pcs.	39540
NOVOL TEXTURED CLOTH	30 pcs.	39550

HAND WASHING PASTE



A paste with abrading agent is manufactured using mild and efficacious washing ingredients (natural solvents made of citrus fruits). An abrading agent improves the effectiveness of washing by penetrating dirty pores. It is perfect for removing even the most persistent dirt, from printing paint, soot, car varnish, cement, grease, graphite oil etc. The paste has a slightly alkaline, skin-friendly pH. Ecological product. It does not contain sand.

Capacity (kg)	Package	Article-No
0,5	8 pcs.	39011
4,0	4 pcs.	39016

HAND WASHING PASTE DISPENSER

A plastic pump for dispensing hand washing paste.

Package	Article-No
1 pcs.	39901



COMPLEMENTARY PRODUCTS

HAND WASHING PASTE HANDLE

A hand washing paste handle that can be attached to a wall.

Package	Article-No
1 pcs.	39931



PUTTY DISPENSER

An easy to use and mount device facilitating dispensing putty and hardener in appropriate amounts. Due to the reasonable use of the cartridge, it prevents losses. Perfect for frequent use of putty in big amounts, for instance, in varnishing workshops of large processing.

Package	Article-No
1 pcs.	33001



NOVOL STONE CHIP GUN

Gun for applying body protection and under-carriage maintenance agents. Equipped with a self-concentrating nozzle allowing regulating the width of the stream and intensity of product flow. Durable and ergonomic body (moulded under pressure with aluminium). Plastic hose allows applying products in closed profiles.

Type	Package	Article-No
UBS	1 pcs.	39999



SPRAY GUN

Spray gun of ideal technical parameters. Made of a high-quality steel, perfect for automotive and industrial coating. Scaled mug facilitates work.

Type of a spray gun	Nozzle diameter [mm]	Maximum working pressure [bar]	Container [ml]	Connections [inch]
EXPERT HP	0,8 1,1 1,3 1,4 1,8 2,0 2,5	4	600	1/2"
EXPERT HVLP	1,2 1,4 1,7 2,0 2,4	2	600	1/4"
SPEEDWAY HP	1,4 1,8 2,0 2,5 3,0	4	600	Thread
SPEEDWAY HVLP	1,2 1,3 1,4	3	600	Thread





CLEARCOAT

Quick-drying clearcoat with a high gloss, very good levelling and easy to polish. Makes a perfect finish for acrylic and cellulose coats.

The product has the FAN nozzle, which ensures that the application properties of the spray jet are similar to those of a conventional spray gun nozzle.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.

Article-No	Unit package (ml)	Cumulative package (pcs.)
34002	500	6
90406 (matt)	500	6



Shake for 2 min



Apply 2-3 coats



5 ÷ 10 min



2 h / 20°C



Clean the valve for 5 s

Colors:
Colorless

VOC II/B/e limit = 840 g/l
VOC < 670 g/l



ACRYLIC PRIMER



One-component, filling acrylic primer designed for levelling surfaces coated with putty and old paint coatings. Perfect for spot repairs. Very short drying time allowing for making quick repairs is the main advantage of the primer.

The product has the FAN nozzle, which ensures that the application properties of the spray jet are similar to those of a conventional spray gun nozzle.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.

Article-No	Unit package (ml)	Cumulative package (pcs.)
34402 (grey)	500	6
34412 (black)	500	6



Shake for 2 min



Apply 2-3 coats



5 ÷ 10 min



15-30 min / 20°C
15 min / 60°C



P360-P500



P800-P1000



Clean the valve for 5 s

Colors:
■ ■

VOC II/B/e limit = 840 g/l
VOC < 690 g/l





ANTIGRAVEL MS

Article-No	Unit package (ml)	Cumulative package (pcs.)
34202 (black)	500	6
34212 (white)	500	6
34222 (grey)	500	6

The product forms a durable, flexible and fine-grained layer that is resistant to stone impact. Protects against petrol, oil, water and salt. It also has sound-absorbing and sound-proofing properties. The product is based on synthetic resins; it contains neither asphalt nor bitumen and can be coated with any clearcoats.

The product has the FAN nozzle, which ensures that the application properties of the spray jet are similar to those of a conventional spray gun nozzle.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.



Degrease



Sand-paper



Degrease



Shake for 2 min.



Apply 2-3 coats



5 ÷ 10 min.



40-60 min. / 20°C



Clean the valve for 5 s



VOC II/B/e limit = 840 g/l
VOC < 580 g/l

Colors:



BITUMEN UNDERBODY COATING

Article-No	Unit package (ml)	Cumulative package (pcs.)
90397	500	6

A product that forms a flexible coat that resists weather, weak acids and alkalis, as well as stone chip damage. The coat displays sound-proofing and sound-dampening properties. The product is a one-component formula that dries fast and exhibits good hiding power.

The product features a FAN nozzle which gives the spray jet with the application similar properties to a conventional spray gun nozzle.

Clean nozzle after use: turn the can upside down and spray for approx. 5 s until the nozzle is empty.



Degrease



Shake for 2 min.



Apply 3-4 coats



5 ÷ 10 min.



60 min. / 20°C



Clean the valve for 5 s



VOC II/B/e limit = 840 g/l
VOC < 710 g/l

Colour:
colourless



CAVITY WAX



Wax-based preservative for anti-corrosion protection of closed sections in the car body. Resistant to atmospheric factors and to weak acids and bases. It has good penetration (reaches inside sections) and gives a tight layer which protects against water and salt. The kit includes an adapter for directly applying the preservative into closed sections through their process openings.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.

Article-No	Unit package (ml)	Cumulative package (pcs.)
34012	500	6



Shake for 2 min.



Apply the product into slots with the adapter



Clean the valve for 5 s

Colors:
Colorless

VOC II/B/e limit = 840 g/l
VOC < 570 g/l



PLASTIC PRIMER



Quick-drying, colorless primer that increases the adhesion of acrylic primers, acrylic and polyurethane coats for different substrate types, (steel, galvanised steel, aluminium), especially plastic (including polypropylene and its mixtures).

The product has the FAN nozzle, which ensures that the application properties of the spray jet are similar to those of a conventional spray gun nozzle.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.

Article-No	Unit package (ml)	Cumulative package (pcs.)
34482	500	6



Degrease



Sand-paper



Degrease



Shake for 2 min.



Apply 1-2 coats



5 ÷ 10 min.



15 min. / 20°C



Clean the valve for 5 s

Colors:
Colorless

VOC II/B/e limit = 840 g/l
VOC < 710 g/l





CONTROL SPRAY

Article-No	Unit package (ml)	Cumulative package (pcs.)
34022	500	6

The fast-drying control spray is a product aid which creates a thin control layer on surfaces intended for sanding (i.e. putties, primers). The control layer allows quickly detecting all sanding unevenness and scratches during processing, and to correct the areas which require further processing. Proper evaluation of the sanded surface preparation ensures high quality repairs. The product has the FAN nozzle, which ensures that the application properties of the spray jet are similar to those of a conventional spray gun nozzle.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.



Shake for 2 min.



Spray 1 coat



Leave for 3-5 min.



Sand-paper



Clean the valve for 5 s



VOC II/B/e limit = 840 g/l
VOC < 740 g/l

Colors:



STRUCTURE TOPCOAT

Article-No	Unit package (ml)	Cumulative package (pcs.)
34502 (black)	500	6
34512 (anthracite)	500	6

Quick-drying decorative acrylic coat with very good covering properties, of a fine-grained texture imitating plastic, designed for painting wooden, metal and aluminium surfaces as well as old paint coatings and polyester laminates.

The product has the FAN nozzle, which ensures that the application properties of the spray jet are similar to those of a conventional spray gun nozzle.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.



Degrease



Shake for 2 min



Apply 1-2 coats



5 ÷ 10 min



2 h / 20°C



Clean the valve for 5 s



VOC II/B/e limit = 840 g/l
VOC < 680 g/l

Colors:



ACRYLIC TOPCOAT



Quick-drying acrylic topcoat with very good covering properties, intended for painting wooden, metal and aluminium surfaces as well as old varnish coats and polyester laminates.

The product has the FAN nozzle, which ensures that the application properties of the spray jet are similar to those of a conventional spray gun nozzle.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.

Article-No	Unit package (ml)	Cumulative package (pcs.)
34312 (glossy white)	500	6
34302 (glossy black)	500	6
34352 (matt black)	500	6
34342 (satin black)	500	6



Shake for 2 min



Apply 2-3 coats



5 ÷ 10 min



2 h / 20°C



Clean the valve for 5 s

Colors:



VOC II/B/e limit = 840 g/l
VOC < 690 g/l



WHEEL SPRAY



Quick-drying acrylic coat for renovation and repair of rims and caps made of steel and light metals. The coat has very good coating characteristics, durable gloss, resistance to water, petrol and atmospheric conditions.

The product has the FAN nozzle, which ensures that the application properties of the spray jet are similar to those of a conventional spray gun nozzle.

CAUTION! Clean the valve after use. Turn the container upside down and spray for about 5 seconds until the valve is empty.

Article-No	Unit package (ml)	Cumulative package (pcs.)
34102 (srebrny)	500	6
34112 (steel)	500	6
34122 (matt black)	500	6
34132 (black)	500	6



Shake for 2 min



Apply 2-4 coats



5 ÷ 10 min



2 h / 20°C



Clean the valve for 5 s

Colors:



VOC II/B/e limit = 840 g/l
VOC < 690 g/l



ADDITIONAL OFFER



PAINT REMOVER

Article-No	Unit package (ml)	Cumulative package (pcs.)
34032	500	6

The product is intended for removing the majority of paint types and other coatings from various surfaces (e.g. metal, stone, wood, glass, asphalt or concrete). It acts by effectively and quickly penetrating the coating and weakening its bonding to the substrate to enable easy removal.



Shake for 2 min



Apply for 5 s



Clean the valve



Wait from 15 to 60 min



Strip the coating



VOC II/B/a limit = 850 g/l
VOC < 449 g/l

Colors:
Clearcoat



KLARLACK 300

ACRYLIC CLEARCOAT

Klarlack 300 is acrylic clearcoat with good drying properties and high final hardness. Characterized good leveling and high gloss. Klarlack 300 is compatible with all basecoats available on the market. It can be applied on water basecoat available on the market. Clearcoat is UV and weather resistant.



VOC = 570 g/l (ready to apply mixture)



Article-No	Unit package (ml)	Cumulative package (pcs.)
99223	500	6
99224	1000	6
99227	5000	4
Hardener 99421	250	6
Hardener 99423	500	6
Hardener 99425	2500	4



2+1



DIN 4/20°C
16 ÷ 18 s



2-3X
2 ÷ 4 bar
Ø 1,3 ÷ 1,4 mm



3 ÷ 5 min



Operational hardness
10 hours / 20°C
30 min / 60°C

KLARLACK 400

ACRYLIC CLEARCOAT

KLARLACK 400 is an acrylic clearcoat with scratch resistant (SR) properties. It has a good flowability and a short drying time. KLARLACK 400 gives a high-gloss coating with a high final hardness. The product is compatible with most of commercial thinner and water-borne basecoats. It is UV and weather resistant.



VOC II/B/e limit* = 840g/l
VOC = 570g/l
* for ready to use mixture acc.
to EU Directive 2004/42/CE



Article-No	Unit package (ml)	Cumulative package (pcs.)
99233	500	6
99234	1000	6
99237	5000	4
Hardener 99421	250	6
Hardener 99423	500	6
Hardener 99425	2500	4



2+1



DIN 4/20°C
16 ÷ 18 s



2-3X
2 ÷ 4 bar
Ø 1,3 ÷ 1,4 mm



3 ÷ 5 min



Operational hardness
10 hours / 20°C
30 min / 60°C

For more information please visit website: ultraline.novol.pl

ADDITIONAL OFFER



MULTI MULTIFUNCTIONAL PUTTY

Characteristic feature of **MULTI** putty is its multifunctional properties. This product can be applied on surface very wide range substrates. MULTI putty fills good large and small defects of surface. Thin product gives smooth surface after sanding. It has got well-chosen hardness so hardening putty does not lost profile of element during sanding. The high reactivity of putty gives a short period of time to achieve good hardness for sanding at low temperatures and reduce the time of work.



Article-No	Unit package (g)	Cumulative package (pcs.)
99111	450	18
99112	800	8
99114	1750	6



Clean and sand substrate



Degrease



Potlife: 4-6 min/20°C
Mixing ratio: 100+2-3



Apply



20-30 min/20°C



1. P80-P 120
2. P120-P 240



VOC II/B/b limit* = 250 g/l

VOC = 90 g/l

*ready to apply mixture compliant with Directive 2004/42/CE



FIBER GLASS FIBER PUTTY

Thanks to flexible polyester resins and short fibers it has higher elasticity than FIBER, maintaining high mechanical strength. Soft and easy sanding makes its suitable for application even on large surfaces. It has higher elasticity than FIBER, maintaining high mechanical strength. Soft and easy sanding makes its suitable for application even on large surfaces. It has good adhesion to various substrates, including galvanized steel.



Article-No	Unit package (g)	Cumulative package (pcs.)
99121	450	18
99122	800	8
99124	1750	6



Clean and sand substrate



Degrease



Potlife: 4-8 min/20°C
Mixing ratio: 100+2-3



Apply



20-30 min/20°C



P80-P120



VOC II/B/b limit* = 250 g/l

VOC = 90 g/l

*ready to apply mixture compliant with Directive 2004/42/CE

FÜLLER 100

ACRYLIC PRIMER



Acrylic Primer based on high quality acrylic resins with low contents of solvents. Thanks to its high spraying viscosity it may be applied in very thick layers, perfectly filling even large scratches and surface irregularities. This primer is complained with Directive UE 2004/42/CE of 21 April 2004. It can be used under water based basecoat. Filler has very good adhesion to various substrates.



VOC II/B/c limit* = 540 g/l
As a filler: VOC = 490 g/l
As a primer surfacer: VOC = 520 g/l
*ready to apply mixture compliant with Directive 2004/42/CE

Colors:



Article-No	Unit package (ml)	Cumulative package (pcs.)
99312	400 (grey)	12
90262	400 (white)	12
90260	400 (black)	12
99313	800 (grey)	6
90263	800 (white)	6
90261	800 (black)	6
Hardener 99510	80	12
Hardener 99511	160	6



Mixing Ratio
5+1+10%
5+1+20%



DIN 4/20°C
45 ÷ 60 s
26 ÷ 34 s



45 min / 20°C



2X, 3 ÷ 4 bar
Ø 1.6 ÷ 1.8 mm



5 ÷ 10 min



120 min / 20°C
30 min/60°C



P360-P500



P600-P1000

UBS

ANTIGRAVEL



UBS Antigravel, is one-component product based on synthetic resins. It forms durable, elastic layer resistant to damage by stones. It protects against corrosion, petrol, oil, water and salt. It does not contain any asphalt or bitumen. It can be coated with various topcoats. It also absorbs sounds and vibration.

Article-No	Unit package (ml)	Cumulative package (pcs.)
99714	1000	12



VOC II/B/e limit* = 840 g/l
VOC = 560 g/l
*ready to apply mixture compliant with Directive 2004/42/CE

THINNER

ACRYLIC THINNER



A mixture of solvents giving a product applied for thinning all fillers and acrylic lacquers for ULTRA line.

Article-No	Unit package (ml)	Cumulative package (pcs.)
99613	500	6

ADDITIONAL OFFER

SPECTRAL
COLOR TECHNOLOGY

Spectral 2.0

Spectral 2.0 provides end-to-end processing systems for the best quality in finish and workmanship at every stage of the paint repair process.

Spectral 2.0 is a technology that answers all problems at every stage of the paint coat repair process: from superior clearcoats, including Europe's renowned Spectral KLAR 565, to Spectral UNDER primers, putties with the proprietary Mixing Indicator, and color matching systems.

Every vehicle requires an individual approach, depending on the type of damage and the owner's needs. Spectral 2.0 tackles this problem with an entire range of repair technologies, including coating processes for new parts, old paint spot repairs, putty-filled body parts, and plastic details.



More information on: spectralpaints.com



NOVOL for Classic Car

NOVOL FOR CLASSIC CARS is the world's FIRST PRODUCT LINE dedicated exclusively FOR CLASSIC CAR RENOVATION. It is a complete technology which supports ALL STAGES OF RENOVATION: from surface cleaning, initial anticorrosion protection, and protection of chassis and wheel arches, to proper anticorrosion protection of the body and application of individual putties, fillers, primers, and color and topcoat selection.

More information on: nfcc.pl/en



ADDITIONAL OFFER



COBRA Truck Bedliner - 2K polyurethane resin-based textured protective coat. Extreme mechanical strength, scratch and solvent resistance. Protects against adverse weather conditions, petrol, oil, water and salt. Sound-proofing and sound-dampening properties. Anti-slip finish.

More information on: cobra-bedliner.com



STP FLEX

STP

STP FLEX is an STP resin-based sprayable hybrid sealant. The product is intended for sealing and protection of overlapping and welded metal sheet joints of motor vehicle bodies and regeneration of OEM-deposited sealant textures.

The final texture varies with the specific gun nozzles from thin stripes to dashed.

More information on: stp-line.com



ADDITIONAL OFFER



Quattro

QUATTRO - the system's advantages include LONGER DRYING TIME of the POLISHING COMPOUND, which facilitates processing large surfaces, especially at high temperatures. What is also important is the speed and ease of polishing, and a hologram-free and lasting finish. The QUATTRO polishing system is very USER-FRIENDLY, highly efficient, quick to use, and ensures a great finish.

More information on: novol.eu



NOVOFLOOR

Taking into consideration expectations of building branch we developed NOVOFLOOR polymeric multi-layer selfleveling floor system which allows to prepare industrial self-leveling floors of high resistance, as well as sport surfaces of high elasticity.

High quality polyurethane and epoxy self-leveling floors NOVOFLOOR may be used among others in industrial buildings, warehouses, workshops, sewage treatment plants, schools, hospitals, laboratories, shops, indoor parking places and sport arenas. The system is developed to be applied either indoor or outdoor. Depending on the aim of application the system allows to obtain the floor of different features, mechanical resistance, elasticity and total thickness as well as different decorative effects. Within the NOVOFLOOR system range sport surfaces are also offered, which may be divided into external and internal systems. In the case of internal sports surfaces the level of elasticity is extremely significant. Here the following solution types are differentiated: elastic surface coats, point wise elasticsation coats and combi elastic surface. Outdoor floor coverings include the tartan type and the outdoor sports floor. Sports floors are certified with all the required certificates including International Tennis Federation (ITF).

More information on: novofloor-novol.com



Nautic

The line of products NAUTIC was developed especially for boat building sector taking into consideration special expectations for products used for building different kinds of boats, laminates and sandwich constructions. Special formulas, high quality raw materials and advanced control of the whole production process according to ISO 9000: 2001 all contribute to the excellent mechanical properties and easy application of NAUTIC products, as well as ensuring the durability of all bonded joints made using these products. These products are prepared of special high quality polyester resins which assure excellent adhesion to all surfaces used in boat building polyester- and epoxy- laminates, plywood, wood, PUR and PCV foam. All products are very good for framing, gluing and filling elements of mentioned above materials.

More information on: nautic.novol.pl/en



INDUSTRIAL COATING SYSTEMS

A group of polyester putties, epoxy primers, filler primers and special primers (reactive, water-based, and alkyl-based), as well as surface lacquers intended for vehicles. INDUSTRIAL products, when combined with a number of complementary materials, ensure easy application and quick drying. The new line of products contributes to an efficient and economic result for both production facilities and repair centres. Using all the components of the system guarantees a high quality finish and long-lasting anti-corrosion protection.

More information on: industrial.novol.pl/en



ADDITIONAL OFFER

TABLE OF HARDENERS

APPLICATION OF NOVOL HARDENERS

PRODUCT	PRODUCT DESCRIPTION	MIXING RATIO	H 5110	H 5120	H 5140	H 5520	H 5910	H 5950	H 5960
NOVAKRYL 520	Acrylic Clearcoat VHS	2 + 1	2 + 1 + 0%						
NOVAKRYL 530	Matt Acrylic Clearcoat	2 + 1		2 + 1 + 10%					
NOVAKRYL 540	Acrylic Clearcoat	2 + 1			2 + 1 + 20%				
NOVAKRYL 570	Acrylic Clearcoat Scratch Resistant	2 + 1		2 + 1 + 20%					
NOVAKRYL 580	Acrylic Clearcoat Scratch Resistant	2 + 1		2 + 1 + 0% 2 + 1 + 10%					
NOVAKRYL 590	Acrylic Clearcoat Scratch Resistant	2 + 1		2 + 1 + 0% 2 + 1 + 10%					
NOVAKRYL MS	Acrylic Clearcoat	2 + 1		2 + 1 + 20%					
NOVAKRYL HS	Acrylic Clearcoat	2 + 1		2 + 1 + 0% 2 + 1 + 10%					
PROTECT 300	Acrylic Filler	4 + 1				4 + 1 + 25 ÷ 35%			
PROTECT 310	Acrylic Filler	4 + 1				4 + 1 + 10% 4 + 1 + 20%			
PROTECT 320	Acrylic Filler	4 + 1				4 + 1 + 10%			
PROTECT 330	Acrylic Filler	5 + 1				5 + 1 + 15%			
PROTECT 340	Wash primer	1 + 1					1 + 1 + 0%		
PROTECT 360	Anti-corrosion Epoxy Primer	1 + 1						1 + 1 + 0%	
	Anti-corrosion Epoxy Primer	4 + 1							4 + 1 + 10%

ICONS' EXPLANATION

PREPARATION



Clean and sand substrate



Degrease



Prepare the matt



Shake

APPLICATION



Apply



Number of layers,
Pressure,
Fluid opening



Apply the resin



Put the matt



Apply in layers

TREATMENT



Hand sanding



Wet hand sanding



Machine sanding



Wet machine sanding



Strip the coating

MIXING



Mixing ratio,
Potlife



Mixing ratio



Potlife



Dilute



Measuring stick

DRYING



Drying time
15 min / 20°C



Drying time
15 - 30 min / 20°C



Drying time
30 - 45 min / 20°C



Drying time
60 min / 20°C



Wait between layers

INFORMATION



Technical Data Sheet



Close the package,
keep closed



Contains isocyanates



Protect from humidity



Protect from frost



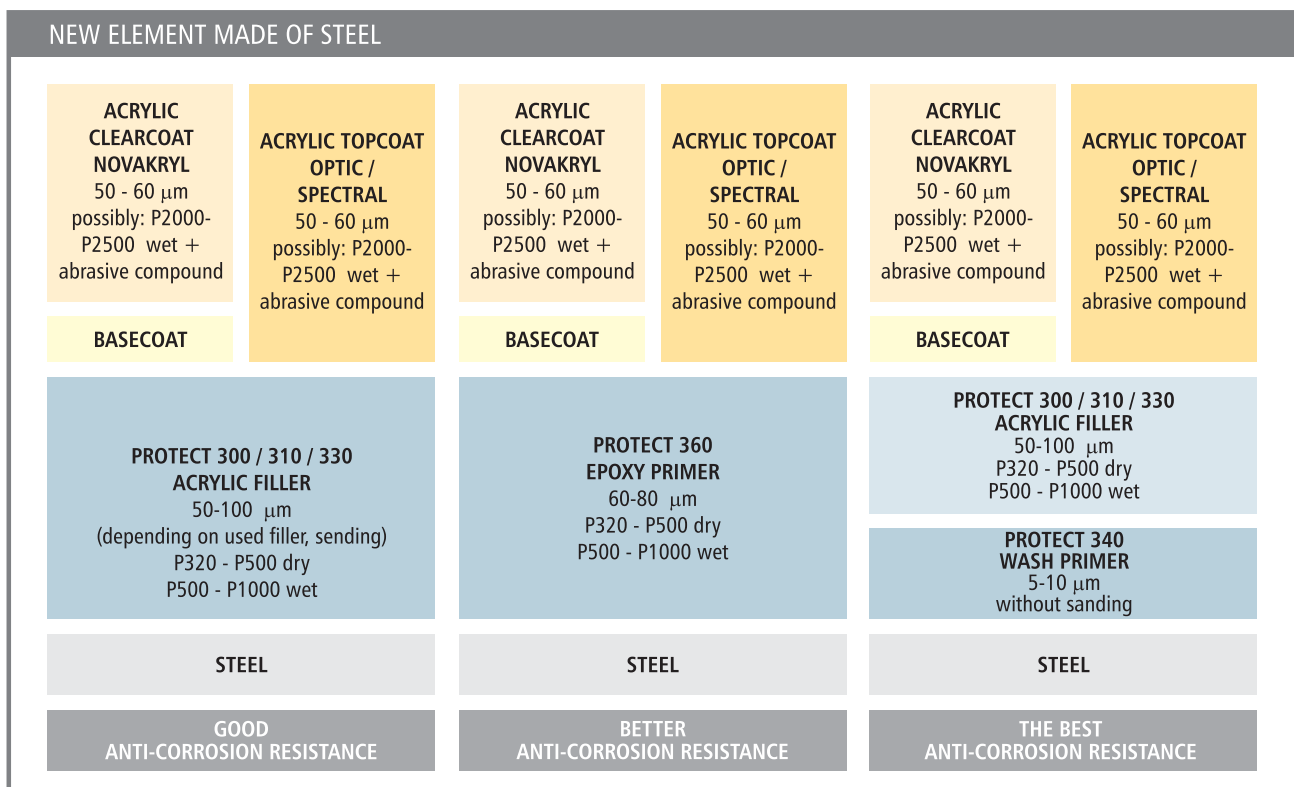
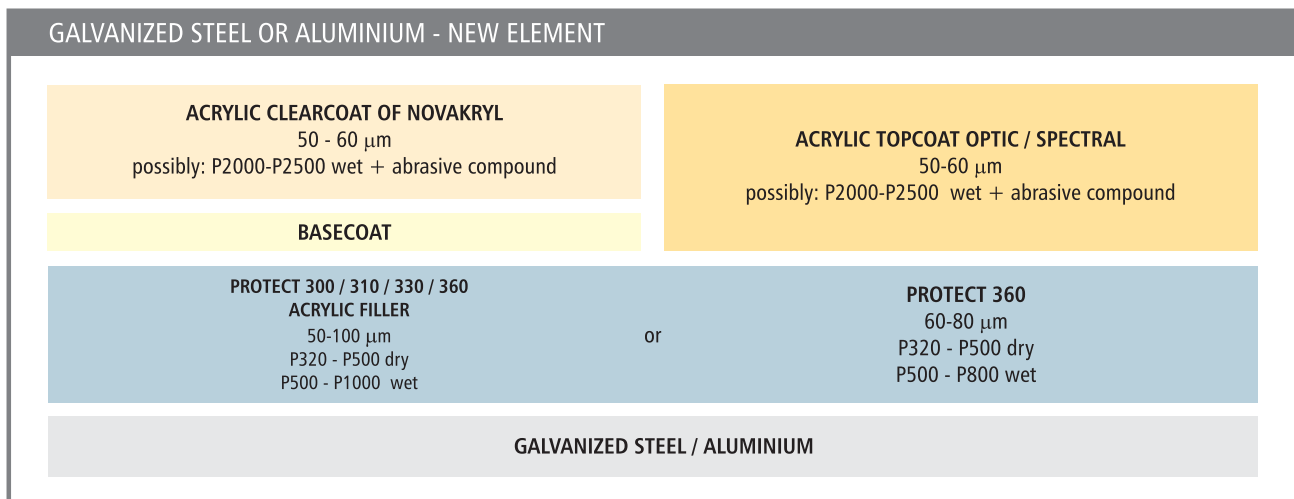
Store in a cool place



Clean the valve

REFINISH LAYERS

STANDARD REPAIR - NEW ELEMENT



STANDARD REPAIR - DAMAGED ELEMENT

DAMAGED ELEMENT MADE OF STEEL OR GALVANIZED STEEL

ACRYLIC CLEARCOAT NOVAKRYL 50 - 60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50 - 60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC CLEARCOAT NOVAKRYL 50 - 60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50 - 60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC CLEARCOAT NOVAKRYL 50 - 60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50 - 60 µm possibly: P2000-P2500 wet + abrasive compound
BASECOAT		BASECOAT		BASECOAT	
PROTECT 300 / 310 / 330 ACRYLIC FILLER 50-200 µm P320 - P500 dry P500 - P1000 wet		PROTECT 300 / 310 / 330 ACRYLIC FILLER 50-200 µm P320 - P500 dry P500 - P1000 wet		PROTECT 300 / 310 / 330 ACRYLIC FILLER 50-200 µm P320 - P500 dry P500 - P1000 wet	
POLYESTER PUTTY "SPRAY" 100-300 µm P180 - P360 dry	POLYESTER PUTTY "FINISH" to 1 mm P180 - P360 dry	POLYESTER PUTTY "SPRAY" 100-300 µm P180 - P360 dry	POLYESTER PUTTY "FINISH" to 1 mm P180 - P360 dry	POLYESTER PUTTY "SPRAY" 100-300 µm P180 - P360 dry	POLYESTER PUTTY "FINISH" to 1 mm P180 - P360 dry
ANY POLYESTER PUTTY NOVOL (except for 1K acrylic putty) to 5 mm P80 - P240 dry		ANY POLYESTER PUTTY NOVOL (except for 1K acrylic putty) to 5 mm P80 - P240 dry		ANY POLYESTER PUTTY NOVOL (except for 1K acrylic putty) to 5 mm P80 - P240 dry	
PROTECT 300 / 310 / 330 * ACRYLIC FILLER 50-200 µm (depending on used filler) sanding		PROTECT 360 * EPOXY PRIMER 60-80 µm without sanding		PROTECT 300 / 310 / 330 * ACRYLIC FILLER 50-100 µm sanding	
				PROTECT 340 * WASH PRIMER 5-10 µm without sanding	
STEEL / GALVANIZED STEEL		STEEL / GALVANIZED STEEL		STEEL / GALVANIZED STEEL	
GOOD ANTI-CORROSION RESISTANCE		BETTER ANTI-CORROSION RESISTANCE		THE BEST ANTI-CORROSION RESISTANCE	

* During repair applying layer of fillers is not necessary. Omission of fillers causes decrease in anti-corrosion resistance of repaired surface.

REFINISH LAYERS

STANDARD REPAIR - DAMAGED ELEMENT

DAMAGED ELEMENT MADE OF ALUMINIUM

ACRYLIC CLEARCOAT NOVAKRYL

50 - 60 µm

possibly: P2000-P2500 wet + abrasive compound

ACRYLIC TOPCOAT OPTIC / SPECTRAL

50-60 µm

possibly: P2000-P2500 wet + abrasive compound

BASECOAT

PROTECT 300 / 310 / 330

ACRYLIC FILLER

50-200 µm

P320 - P500 dry

P500 - P1000 wet

POLYESTER PUTTY FINISH OR SPRAY

"SPRAY": 100-300 µm, P180 - P360 dry

"FINISH": to 1 mm, P180 - P360 dry

POLYESTER PUTTY (ALU, UNISOFT, PROFICYNK, SOFT PLUS, LIGHT, UNI PLUS, FIBER MICRO)

to 5 mm

P80 - P240 dry

ALUMINIUM

WET ON WET REPAIR SYSTEM - NEW ELEMENT

GALVANIZED STEEL OR ALUMINIUM - NEW ELEMENT

ACRYLIC CLEARCOAT NOVAKRYL 50 - 60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50-60 µm possibly: P2000-P2500 wet + abrasive compound
BASECOAT	
PROTECT 330 ACRYLIC FILLER 40-60 µm without sanding	PROTECT 360 EPOXY PRIMER 40-60 µm without sanding
GALVANIZED STEEL / ALUMINIUM	

STEEL - NEW ELEMENT

ACRYLIC CLEARCOAT NOVAKRYL 50 - 60 µm possibly: P2000 - P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50 - 60 µm possibly: P2000 - P2500 wet + abrasive compound	ACRYLIC CLEARCOAT NOVAKRYL 50 - 60 µm possibly: P2000 - P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50 - 60 µm possibly: P2000 - P2500 wet + abrasive compound	ACRYLIC CLEARCOAT NOVAKRYL 50 - 60 µm possibly: P2000 - P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50 - 60 µm possibly: P2000 - P2500 wet + abrasive compound
BASECOAT		BASECOAT		BASECOAT	
PROTECT 330 ACRYLIC FILLER 40-60 µm without sanding	PROTECT 360 EPOXY PRIMER 40-60 µm without sanding	PROTECT 330 ACRYLIC FILLER 40-60 µm without sanding	PROTECT 360 EPOXY PRIMER 40-60 µm without sanding	PROTECT 330 ACRYLIC FILLER 40-60 µm without sanding	PROTECT 340 WASH PRIMER 5-10 µm without sanding
STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
GOOD ANTI-CORROSION RESISTANCE	BETTER ANTI-CORROSION RESISTANCE	BETTER ANTI-CORROSION RESISTANCE	BETTER ANTI-CORROSION RESISTANCE	THE BEST ANTI-CORROSION RESISTANCE	THE BEST ANTI-CORROSION RESISTANCE

REFINISH LAYERS

WET ON WET REPAIR SYSTEM - DAMAGED ELEMENT *

STEEL OR GALVANIZED STEEL - DAMAGED ELEMENT

ACRYLIC CLEARCOAT NOVAKRYL 50-60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50-60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC CLEARCOAT NOVAKRYL 50-60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50-60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC CLEARCOAT NOVAKRYL 50-60 µm possibly: P2000-P2500 wet + abrasive compound	ACRYLIC TOPCOAT OPTIC / SPECTRAL 50-60 µm possibly: P2000-P2500 wet + abrasive compound
BASECOAT		BASECOAT		BASECOAT	
PROTECT 330* ACRYLIC FILLER 40-60 µm without sanding		PROTECT 330* ACRYLIC FILLER 40-60 µm without sanding		PROTECT 330* ACRYLIC FILLER 40-60 µm without sanding	
POLYESTER PUTTY SPRAY 100-300 µm P180 - P360 dry		POLYESTER PUTTY SPRAY 100-300 µm P180 - P360 dry		POLYESTER PUTTY SPRAY 100-300 µm P180 - P360 dry	
ANY POLYESTER PUTTY NOVOL (except for 1K acrylic putty) to 5 mm P80 - P240 dry		ANY POLYESTER PUTTY NOVOL (except for 1K acrylic putty) to 5 mm P80 - P240 dry		ANY POLYESTER PUTTY NOVOL (except for 1K acrylic putty) to 5 mm P80 - P240 dry	
PROTECT 300 / 310 / 330 ** ACRYLIC FILLER 50-200 µm (depending on selected filler) sanding		PROTECT 360 ** EPOXY PRIMER 40-60 µm without sanding		PROTECT 300 / 310 / 330 ** ACRYLIC FILLER OR EPOXY PRIMER NOVOL 50-100 µm P180 - P240 dry	
				PROTECT 340 ** WASH PRIMER 5-10 µm without sanding	
STEEL / GALVANIZED STEEL		STEEL / GALVANIZED STEEL		STEEL / GALVANIZED STEEL	
GOOD ANTI-CORROSION RESISTANCE		BETTER ANTI-CORROSION RESISTANCE		THE BEST ANTI-CORROSION RESISTANCE	

* Where there is no need to fulfill the directive EU 2004/42/CE product can be applied as wet on wet and surface primer version.

** During repair applying layer of fillers is not necessary. Omission of fillers causes decrease in anti-corrosion resistance of repaired surface.

WET ON WET REPAIR SYSTEM - DAMAGED ELEMENT

ALUMINIUM - DAMAGED ELEMENT

ACRYLIC CLEARCOAT NOVAKRYL
50 - 60 µm
possibly: P2000-P2500 wet + abrasive compound

ACRYLIC TOPCOAT OPTIC / SPECTRAL
50-60 µm
possibly: P2000-P2500 wet + abrasive compound

BASECOAT

**PROTECT 330
ACRYLIC FILLER**
40-60 µm
without sanding

POLYESTER PUTTY SPRAY
100-300 µm
P180 - P360 dry

POLYESTER PUTTY NOVOL (ALU, UNISOFT, PROFICYNK, SOFT PLUS, LIGHT, UNI PLUS, FIBER MICRO)
to 5 mm
P80 - P240 dry

ALUMINIUM

REFINISH LAYERS

REPAIR WITH ANTIGRAVEL

GALVANIZED STEEL OR ALUMINIUM

ACRYLIC CLEARCOAT NOVAKRYL **
50-60 µm

BASECOAT **

ACRYLIC TOPCOAT OPTIC / SPECTRAL **
50-60 µm

ANTIGRAVEL GRAVIT
200-300 µm

GALVANIZED STEEL / ALUMINIUM *
sanding

* If galvanized steel is heavily damaged use the scheme of repair of the element made of steel.

** If not required could be omitted.

STEEL

ANY ACRYLIC
CLEARCOAT
NOVAKRYL **
50-60 µm

BASECOAT **

ACRYLIC TOPCOAT
OPTIC /
SPECTRAL**
50-60 µm

ANY ACRYLIC
CLEARCOAT
NOVAKRYL **
50-60 µm

BASECOAT **

ACRYLIC TOPCOAT
OPTIC/
SPECTRAL**
50-60 µm

ANY ACRYLIC
CLEARCOAT
NOVAKRYL **
50-60 µm

BASECOAT **

ACRYLIC TOPCOAT
OPTIC/
SPECTRAL**
50-60 µm

ANTIGRAVEL GRAVIT
200-300 µm

PROTECT 300 / 310 / 330
ACRYLIC FILLER
50-200 µm (depending on used filler)
sanding

STEEL

GOOD ANTI-CORROSION
RESISTANCE

PROTECT 360
EPOXY PRIMER
60-80 µm
sanding

STEEL

BETTER ANTI-CORROSION
RESISTANCE

PROTECT 300 / 310 / 330
ACRYLIC FILLER
50-200 µm
P180 - P240 dry

PROTECT 340
WASH PRIMER
5-10 µm
without sanding

STEEL

THE BEST
ANTI-CORROSION

** If not required could be omitted.

REPAIR OF PLASTIC - NEW ELEMENT

PLASTIC - NEW ELEMENT

ACRYLIC CLEARCOAT NOVAKRYL

10 - 30% PLUS 770 *

50 - 60 µm

possibly: P2000 - P2500 wet sanding + abrasive compound

BASECOAT

AKRYLIC TOPCOAT OPTIC / SPECTRAL

10 - 30% PLUS 770 *

50-60 µm

possibly: P2000-P2500 wet sanding + abrasive compound

PROTECT 300 / 310 / 330 ***

ACRYLIC FILLER ***

10 - 30% PLUS 770 *

50-200 µm

P320 - P500 dry sanding

P500 - P1000 wet sanding

PLUS 700
ADHESION INCREASING AGENT
(WITHOUT SANDING)
10-15 µm

DEGREASING PLUS 780 **

SURFACE PREPARATION

matting with an abrasive needled cloth (Very Fine) with a matting paste

DEGREASING PLUS 780

(Most effective when the element is hot)

HEATING 50°C / 20 min

WASHING IN WARM WATER (~ 40 °C) WITH DETERGENT

* PLUS 770 – ELASTICITY INCREASING AGENT (added in a percent amount calculated per mixture of component A and hardener)

** PLUS 780 – SILICONE REMOVER

*** If you must retain the structure or the surface of the plastic does not require levelling, you can skip the film.

REFINISH LAYERS

REPAIR OF PLASTIC - DAMAGED ELEMENT

PLASTIC - DAMAGED ELEMENT	
<p>ACRYLIC CLEARCOAT NOVAKRYL 10 - 30% PLUS 770 * 50 - 60 µm possibly: P2000-P2500 wet sanding + abrasive compound</p>	<p>ACRYLIC TOPCOAT OPTIC / SPECTRAL 10 - 30% PLUS 770 * 50-60 µm possibly: P2000-P2500 wet sanding + abrasive compound</p>
BASECOAT	
<p>PROTECT 300 / 310 / 330 ACRYLIC FILLER 10 - 30% PLUS 770 * 50-200 µm P320 - P500 dry sanding P500 - P1000 wet sanding</p>	
<p>PUTTY FOR PLASTIC BUMPER FIX to 5 mm P80 - P240 dry sanding</p>	
<p>PROTECT 300 / 310 / 330 ACRYLIC FILLER 10 - 30% PLUS 770 * 60-180 µm P180 - P240 dry sanding</p>	
<p>PLUS 700 ADHESION INCREASING AGENT without sanding 10-15 µm</p>	
<p>PLASTIC (EXCEPT PE and PTFE) (P240-P400) PLUS 780** + Sanding (P240-P400) + PLUS 780**</p>	
<p>* PLUS 770 – ELASTICITY INCREASING AGENT (addend in a percent amount calculated per mixture of component A and hardener) ** PLUS 780 – SILICONE REMOVER</p>	

REPAIR OF PLASTIC - DAMAGED ELEMENT

PLASTIC - DAMAGED ELEMENT - ECONOMIC VERSION

ACRYLIC CLEARCOAT NOVAKRYL

10 - 40% PLUS 770 *

50 - 60 µm

POSSIBLY: P2000 - P2500 wet sanding + abrasive sanding

ACRYLIC TOPCOAT OPTIC / SPECTRAL

10 - 30% PLUS 770 *

50-60 µm

possibly: P2000 - P2500 wet sanding + abrasive compound

BASECOAT

PROTECT 300 / 310 / 330

ACRYLIC FILLER

10 - 30% PLUS 770 *

50-200 µm

P320 - P500 dry sanding

P500 - P1000 wet sanding

PLUS 700

ADHESION INCREASING AGENT NOVOL

(WITHOUT SANDING)

10-15 µm

PUTTY FOR PLASTIC BUMPER FIX

to 5 mm

P80 - P240 dry sanding

PLASTIC (EXCEPT PE and PTFE)

PLUS 780** + Sanding (P180-P240) + PLUS 780**

* PLUS 770 – ELASTICITY INCREASING AGENT (addend in a percent amount calculated per mixture of component A and hardener)

** PLUS 780 – SILICONE REMOVER

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