

PHOTO: METAL-FACH


PHOTO: METAL-FACH


PHOTO: METAL-FACH


PHOTO: METAL-FACH

THE SAFETY OF YOUR INDUSTRIAL COATING PROCESSES

W NOVOL provides a package of continuous technical assistance, laboratory resources, quick warranty claim handling, a hotline, and 24/7 service. Each package can be customised according to your strategic qualification as a small or medium-sized enterprise.

NOVOL WARRANTY SYSTEM

NOVOL provides you with a 5-year warranty on coating durability. A warranty this long is a written declaration of the reliability of NOVOL as a manufacturer and supplier of high-quality solutions.

Polish Success · Pearls of the Polish Economy · Economy Prize of the President of the Republic of Poland 2011 · Good Company · Polish Company International Champion 2021 · Business Fair Play 2017 · Ernst & Young Entrepreneur Of The Year · The Business Gazelle · Family Business

NOVOL Sp. z o.o. • PL 62-052 Komorniki • ul. Żabikowska 7/9 • tel. (+48) 61 810 98 00

facebook.com/novolPL

NOVOL.COM/INDUSTRIAL

novol.com/industrial

industrial
anti-corrosion coatings
NOVOL

COATING TECHNOLOGY FOR FARMING MACHINES



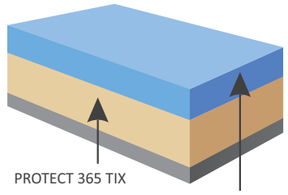
industrial
anti-corrosion coatings
NOVOL

THE TECHNOLOGIES BEHIND THE INDUSTRIAL COATING SYSTEMS

Epoxy polyurethane coating system

PROTECT 365 TIX epoxy primer + NOVOPUR 1090/1050/1020 polyurethane topcoat

Solids content (vol.):	*PROTECT 365 – 60%*	*NOVOPUR 1090 – 57%*
Time to wet-on-wet recoating:	*40 min / 20°C*	
Corrosivity class (PN-EN ISO 12944-2):	*C3 M*	
NDFT:	*120 µm*	
Coating durability (PN-EN ISO 12944-2)	*7-15 years*	
UV resistance (PN-EN ISO 12944; NOVOL's internal testing)	*720 h*	
Adhesion (PN-EN ISO 2409:2013-06)	*Steel 0/0; hot-dip zinc coating 1/1; galvanic zinc coating 1/1, aluminium 0/0*	
Pull-off adhesion strength (PN-EN ISO 4624:2004)	*Steel > 5 MPa, aluminium > 5 MPa*	
UV resistance (PN-EN ISO 16474-3:2014-02) DE < 3.5	*700 h*	
Cupping (PN-EN ISO 1520:2007)	*4 mm*	
Impact resistance (PN-EN ISO 6272-1:2011)	*Min. 40 mm*	
Pencil hardness (PN-EN ISO 15184:2013-04)	*HB*	
Hardness, pendulum damping test (PN-EN ISO 1522:2008)	*160 sec.*	
Gloss (PN-EN ISO 2813:2001)	*90/20°*	



PROTECT 365 TIX NOVOPUR 1090 NOVOPUR 1050

NOVOPUR 1020

Single-layer polyurethane system – DTM

NOVORUST 2090/2070/2050/2020 DTM direct polyurethane topcoats

Solids content (vol.):	*NOVORUST 2090 – ok. 61%*
Corrosivity class (PN-EN ISO 12944-2):	*C3 M*
NDFT:	*120 µm*
Coating durability (PN-EN ISO 12944-2)	*7-15 years*
UV resistance (PN-EN ISO 12944; NOVOL's internal testing)	*720 h*
Adhesion (PN-EN ISO 2409:2013-06)	*Steel 0/0, hot-dip zinc coating 1/1; galvanic zinc coating 1/1, aluminium 0/0*
Pull-off adhesion strength (PN-EN ISO 4624:2004)	*Steel > 5 MPa, aluminium > 5 MPa*
UV resistance (PN-EN ISO 16474-3:2014-02) DE < 3.5	*350 h*
Cupping (PN-EN ISO 1520:2007)	*4 mm*
Impact resistance (PN-EN ISO 6272-1:2011)	*Min. 40 mm*
Pencil hardness (PN-EN ISO 15184:2013-04)	*HB*
Hardness, pendulum damping test (PN-EN ISO 1522:2008)	*150 sec.*
Gloss (PN-EN ISO 2813:2001)	*90/80/70/50/20, binder type dependent*

NOVORUST 2090/2070/2050/2020 DTM

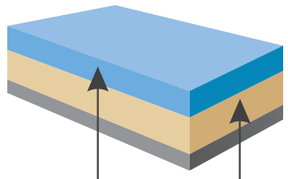
NOVORUST 2090 NOVORUST 2070 NOVORUST 2050

NOVORUST 2020

Acrylic/acrylic system

PROTECT 321 acrylic primer + NOVOCOAT 4590/4990 UHS acrylic topcoat

Solids content (vol.):	*PROTECT 321 – 61%*	*NOVOCOAT 4590/4900 – 62%*
Time to wet-on-wet recoating:	*20 min / 20°C*	
Corrosivity class (PN-EN ISO 12944-2):	*C3 M*	
NDFT:	*120 µm*	
Coating durability (PN-EN ISO 12944-2)	*7-15 years*	
UV resistance (PN-EN ISO 12944; NOVOL's internal testing)	*720 h*	
Adhesion (PN-EN ISO 2409:2013-06)	*Steel 0/0*	
Pull-off adhesion strength (PN-EN ISO 4624:2004)	*Steel > 5 MPa*	
UV resistance (PN-EN ISO 16474-3:2014-02) DE < 3.5	*700 h*	
Cupping (PN-EN ISO 1520:2007)	*4 mm*	
Impact resistance (PN-EN ISO 6272-1:2011)	*Min. 40 mm*	
Pencil hardness (PN-EN ISO 15184:2013-04)	*HB*	
Hardness, pendulum damping test (PN-EN ISO 1522:2008)	*160 sec.*	
Gloss (PN-EN ISO 2813:2001)	*90/20°*	

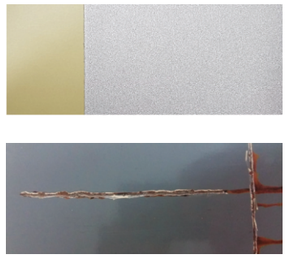


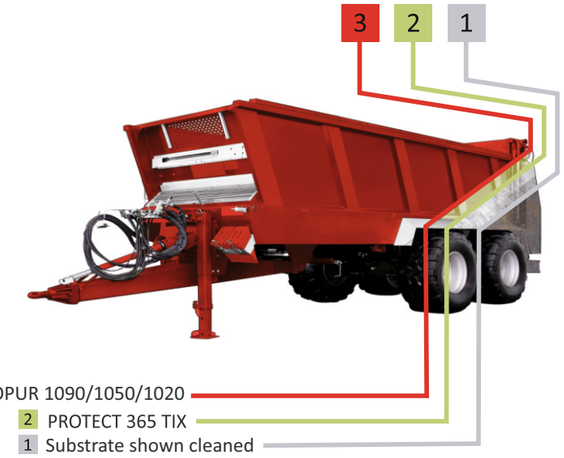
PROTECT 321 UHS NOVOCOAT 4590 NOVOCOAT 4990

NOVOL

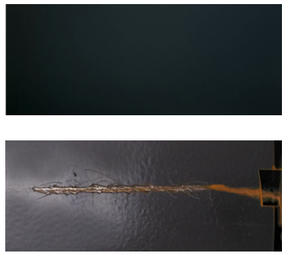
NOVOL INDUSTRIAL COATING REPAIR DIAGRAMS

Epoxy polyurethane coating system





Single-layer polyurethane system – DTM





Acrylic/acrylic system



