| 1/1 | Category | 2k polyester putty | | |
|---|---|---|---|---|
| | TDS number | NO-21-03 | Registration number | 000024104 |
| | SDS number | SDS_NO_1_03 | Date of issue | 06.06.2023 |

# CARBON 300

## Carbon fiber putty

**PROPERTIES**

| | |
|---|---|
| TYPE OF FILLER<br>**CARBON FIBRES** | **PROPERTIES:**<br>Modern putty, based on flexible polyester resin and high quality carbon fibers. Thank to this components, putty has excellent mechanical properties and is recommended for filling large defect on repaired areas. CARBON 300 contains special additives for reducing water absorption. |
| HARDENER<br>**BETOX 50E** | |
| KIND OF PUTTY<br>**POLYESTER 2K** | |

**SUBSTRATES**

| | |
|---|---|
| GENERAL RULE | Before sanding degrease surface with silicone remover PLUS 780/PLUS 70-780.<br>Remove dust with compressed air after sanding with appropriate abrasive materials to the type of surface.<br>Degrease again with silicone remover PLUS 780/PLUS 70-780. |
| OLD PAINT COATING | Dry sand with P220÷P280. Make solvent test. If old coating is not resistant to solvent, should be removed to bare metal. For anticorrosive protection using PROTECT 360 or EPO PRIMER 3000 is strongly recommended. |
| POLYESTER LAMINATES | Dry sand with P80÷P120. |
| STEEL | Dry sand with P80÷P120.<br>For anticorrosive protection using PROTECT 360 or EPO PRIMER 3000 is strongly recommended. |
| GALVANIZED STEEL | Matt surface with a very fine abrasive finishing pad or dry sand with P220÷P240.<br>For anticorrosive protection using PROTECT 360 or EPO PRIMER 3000 is strongly recommended. |
| ALUMINIUM | Matt surface with a very fine abrasive finishing pad or dry sand with P220÷P240.<br>For anticorrosive protection using PROTECT 360 or EPO PRIMER 3000 is strongly recommended. |
| 2K EPOXY PRIMERS | Apply putty minimum 90min/20°C after application of PROTECT 360 or EPO PRIMER 3000.<br>Sanding of epoxy primer is not necessary up to 12h/20°C before application of putty.<br>Sand epoxy primer with a very fine abrasive finishing pad or dry sand with P220÷P280 after 12h/20°C. |
| 2K ACRYLIC PRIMERS | Dry sand with P220÷P280. |
| CAUTION | The putty should not be applied directly on reactive sealers (wash primer)<br>or one-component acrylic and nitrocellulose products. |

**MIXING RATIO**

| | VOLUME RATIO | WEIGHT RATIO |
|---|---|---|
| CARBON 300 | 100 ml | 100 g |
| HARDENER | 2 ml | 2 g |

| | |
|---|---|
| VOC II/B/b limit * | 250 g/l |
| ACTUAL VOC CONTENT | 40 g/l |

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

**APPLICATION**

| | |
|---|---|
| | Sand and clean substrate according to general rules.<br>Well remove dust from sanding scratches.<br>Degrease with PLUS 780/PLUS 70-780. |
| | Add 2ml hardener to 100 ml CARBON 300.<br>Observe the required amount of hardener.<br>Mix the components thoroughly until a uniform colour is obtained.<br>Potlife from 4 to 6 minutes at 20°C. |
| | Thickness one single layer of putty should not exceed 1-2 mm.<br>Total thickness layer of putty should not exceed 5 mm.<br>Avoid too thick application on border between putty and metal. |

**DRYING TIME**

Ready to sand

| 20°C | 60°C |
|---|---|
| **20 ÷ 25 minutes** | **15 minutes** |

distance 50 - 60 cm
55 - 60°C

**10 minutes**

**SANDIN**

| ROUGH SANDING | FINISH SANDING |
|---|---|
| **P80-120** | **P120-180** |

**NOTES**

USE PERSONAL SAFETY EQUIPMENT

SEE SAFETY DATA SHEET
INTENDED FOR PROFESSIONAL USE ONLY
SEE GENERAL INFORMATION TDS

SHELF LIFE

| CARBON 300 | HARDENER |
|---|---|
| 24 MONTHS/20°C | 18 MONTHS/20°C |