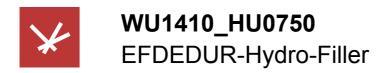
Technical Data Sheet





Product description

Product technology water-thinnable 2C coating

Application area e.g. in the vehicle construction sector

General product properties

Binder-Base Acrylic Resin

Viscosity 1900-2300 mPa*s, spindle 4, 60 revolutions/min. DIN EN ISO 2555

Solid mass55 - 60 % after addition of hardenertheoreticalSolid content in volume40 - 45 ml/kg after addition of hardenertheoretical

Resistance to storage approx. 12 month in original packagings at an ambient temperature of 18 to 25 °C. Protect

from frost. Open packages are to be used within a short time.

The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.

Application and processing

Tool/mould Metal forms

GRP types (of glass fibre-reinforced plastic)

Pretreatment The substrate must be free of adhesion-impairing substances such as oil, grease, rust,

scale, mill scale, wax and release agent residues.

Note before use Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To prevent

skin formation, over-coat with water.

Hardener HU0750

Mixin ratio Parts by weight 6 : 1

Thinning demineralised water

Dry film thickness must not exceed 100 μm – risk of reaction bubbles.

Object temperature 10-30 °C, minimum +3 °C above dew point temperature

Processing conditions Room temperature 18-28 °C

Relative humidity 30-80 %

Processing time max. 3 hrs. / 20 °C

End of the processing time cannot be detected from gelling. The processing time can

decrease at higher temperatures and/or under pressure.

Airmix spraying 35 - 40 sec. / 4 mm viscosity cup DIN 53211

Nozzle 0,28 mm angle 30° Material pressure 160 bar Atomiser pressure 2-3 bar

Our technical data sheets are to provide you with advice based on our latest state of knowledge. This guidance does not release you from your own obligation to test our products for their suitability for your intended purposes and applications.

The sale of our products is in accordance with our terms of business, delivery and payment.

DIN EN ISO 9001 | IATF 16949 | EMAS

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Technical Data Sheet



DIN 53211



WU1410_HU0750 EFDEDUR-Hydro-Filler

High pressure spraying

18 - 22 sec. / 6 mm Flow cup

Nozzle 1,6 mm

Injection pressure 2 - 2,5 bar

Oven drying

up to 80 °C possible

Cleaning of equipment

immediately with water - possibly with addition of 5-10 % by weight EFD cleaning agent

400916, dried-on equipment with org. solvents, e.g. EFD thinner 400424.

Do not mix curing agent with water! The cleaning must be carried out with organic

solvents.

Further processing of coated pieces

Repainting

possible after grinding. Clean the grinded surface removing adhesion-impairing materials afterwards.

Comments

EFD info

Further technical information can be found in the EFD Info. No. 111 + 510.

Work-and Healthprotection

The standard personal safety precautions must be observed when handling painting

materials. Detailed information about dangerous goods, safety data and

recommendations concerning Health and Safety at Work and environmental protection

can be found in the corresponding safety data sheet.

Print date: Jan 14, 2025

Test conditions

All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge an experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.

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