

EFDEDUR

Hydro-Spraying filler WU1995

- Water based 2K-spraying filler for GFK
- In the structure with WU1024 examined for behaviour in case of fire
- Employment for rail-mounted vehicles of the public passenger traffic

Technical / physical data	Resin/ binder	functional acrylat-dispersion
	Colour	acc. to RAL 840 HR other colour shades on request
	Gloss value DIN 67530	mat >10 geometry 85°
	Original viscosity DIN 53211* without hardener	50 to 60 Sek. / 4 mm cup
	Mixing ratio by weight	10 : 1
	Mixing ratio (by volume)	6,75 : 1
	Hardener base	EFDEDUR-Hardener for water laquer HU0925 or HU0448 isocyanate
	Potlife	max. 6 h / 20 °C pot life is not recognizable by gelling
	Thinner	demin. water
	pH-value	8,7 + / - 0,2
	Density after hardener addition calculated	1,4 g / ml + / - 0,05
	Solid content after hardener addition calculated	61% + / - 1
	Solid content in volume after hardener addition calculated	330 ml / kg + / - 5
	Material usage after hardener addition calculated, in original viscosity, without application loss	240 to 250 g / m ² dry film thickness 80 µm see „Special remarks“
	Spreading rate after hardener addition calculated, in original viscosity, without application loss	12,5 m ² / kg dry film thickness 80 µm see „Special remarks“

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Storability	Approx. 9month in original packings at an ambient temperature of 5 to 25 °C, in case the original packings are tightly closed. Opened packing must be used very shortly. Protect against frost. The minimum storage stability of each batch is mentioned on the product label. A storage time beyond the mentioned date doesn't necessarily mean that the material is unusable. In this case a check of the qualities which are important for the respective.									
Processing and application	<p>Application Components are to be mixed homogeneously (e.g. with high-speed mixer). spraying-highpressure: in original viscosity after hardener addition nozzle: 1,7 mm spraying pressure: 2,5 bar spraying-airless: in original viscosity after hardener addition by roller/ brush: in original viscosity after hardener addition</p> <p>Substrates fibre glas plastics</p> <p>Pretreatment The substrate must be free of materials which prevent adhesion, e.g. oil, grease, dust and surfactant. According to the requirements we recommend to apply the mechanical (e.g. sanding) pretreatment.</p> <p>Proposal for a coating system substrate: fibre glas plastics, parting agent-free and with sanding (40-80 size) primer: EFDEUDR-Hydro-Spraying filler WU1995 if necessary prime DURELASTIC-Filler BD7413MRU910 and intermediate cross section top coat: EFDEDUR-Hydro-Structured paint WU1024</p> <p>Application temperature above 10 °C</p> <p>Drying air drying at 20°C/ circulating air</p> <table><tr><td>dust dry:</td><td>after 15 min.</td><td>(degree of drying 1/ DIN 53150)</td></tr><tr><td>dry to touch:</td><td>after 4 h</td><td>(degree of drying 4/ DIN 53150)</td></tr><tr><td>complete dry:</td><td>after 8 days</td><td>(swinging beam hardness/ ISO 1522)</td></tr></table> <p>oven drying: to 80°C possible (object temperature)</p> <p>Repair coating After sanding with the same system.</p> <p>Cleaning of working equipment Top coat immediately after use: water or EFD-Cleaner 400744, lightly dried material on the surface of working tools: organic cleaners. Harder not water-thinnable! Cleaning only with thinner, e.g. EFD-Thinner 400500.</p> <p>Advise for safety protection and protection of health The usual precautionary measures for ventilation as well as for personal protection are to be observed when handling painting materials. Detailed information about dangerous goods, sayfety data and recommendations concerning health protection and environment protection can be read in the corresponding safety data sheet.</p>	dust dry:	after 15 min.	(degree of drying 1/ DIN 53150)	dry to touch:	after 4 h	(degree of drying 4/ DIN 53150)	complete dry:	after 8 days	(swinging beam hardness/ ISO 1522)
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Special remarks	<p>Examination of the behaviour Examination of the behaviour in case of fire of materials in accordance with DIN 5510 examined and in the report Siemens Axiva 2003 -1910 documents.</p> <p>Test condition *Indication of the delivery viscosity according to DIN 53211: DIN 53211 was withdrawn in October 1996. On request the value is available according to DIN EN ISO 2431.</p> <p>All information is based on a standard climate 20/65 DIN 50014 and hardener HU0925.</p> <p>For the calculation of the practical consumption loss additions have to be considered. Indications to this are the practical experience and advices given in DIN 53220.</p> <p>All information are based on our product knowledge and experience. To the application we have no direct influence. For further information please don't hesitate to contact us.</p> <p>The information mentioned herein are reference values and are not given as specification.</p>									