

RELEST® Wind Putty Porefiller Cartridge

Art.-Nr. I3725815

Properties:

Type of binder	Polyurethane
Mixing ratio	According to weight: 100 : 41 According to volume: 100 : 50
Hardener	RELEST® Hardener PUR 3003
Viscosity (base) Rotational measurement	Approx. 6,300 mPas
Density ISO 2811-1 (base)	Approx. 1.38 g/cm ³
Solid content (base)	Weight: approx. 100%
Gloss level	Gloss
Shore D hardness	Approx. 75
VOC content	29 g/l
Spreading rate	Not applicable

The technical data refer to +20°C and 65% relative air humidity.

Characteristics and resistance:

Hard, solvent-free polyurethane filler. Suitable for filling small pores. Light- and weather-resistant. Very fast drying and long workable life. RELEST® Wind Putty Porefiller Cartridge is characterised by its very good adhesion to EP laminate and RELEST® Wind Gelcoat.

General:

The surface preparation is decisive for the durability of all coating systems.

The substrate to be coated must generally be sanded prior to use.

Surfaces must be clean, free of oil, grease, dust and other foreign matter. Substrates must be sanded prior to touch up and repair.

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Application:

(The data are exemplary data only.)

Application conditions	+15°C min. up to +30°C max. air and object temperature at 85% rel. air humidity max. Observe dew point. The lower the ambient and object temperature, the longer the drying time. High air humidity accelerates the drying process, air humidity below 35% considerably slows down the drying process.		
Workable life	Climate	Workable life after leaving the mixer	
	+20°C / 30% rel. humidity	approx. 20 min.	
	+23°C / 65% rel. humidity	approx. 15 min.	
	+35°C / 85% rel. humidity	approx. 10 min.	
Overcoating times Overcoating intervals with itself or one of the materials listed below without sanding the RELEST® Wind Gelcoat SA coating	Climate	Sandable after	Overcoating times
			min. max. (*)
	+20°C / 30% rel. humidity	approx. 90 min.	approx. 90 min. 8 h
	+23°C / 65% rel. humidity	approx. 60 min.	approx. 60 min. 8 h
	+35°C / 85% rel. humidity	approx. 40 min.	approx. 40 min. 8 h

(*) If the maximum time (8 h) is exceeded, the surface must be thoroughly sanded with abrasive paper of grit size 180 up to 240.

Application:

Surfacing: apply in original consistency after mixing with static mixer MF 08-32

1. When opening the locking cap, the static mixer must be mounted onto the cartridge immediately.
2. Clamp the cartridge into the discharger and hold it such that the cartridge with the mounted static mixer points upwards.
3. Push down to start the first stroke and slowly fill the static mixer.
4. Turn the discharger with the cartridge downwards and throw away the first 3-4 cm of discharged material. Easy visual mixing control thanks to the different colours of the base component and the hardener component.

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5. Start discharging the material.
6. Discharge the mixture by means of the gun and make sure that a uniform colour impression is obtained. Homogenise any minor mixing errors with a metal filler knife immediately. This ensures a swift material application.
7. Then remove all surface surplus down to "zero" immediately by means of a metal filler knife applying high pressure so that only the pores are filled, if possible.

In doing so, the pore filler should be distributed in an up and down movement in order to completely fill the pores.

Accessories

I040-0020 manual discharger, 400 ml

I040-0021 pneumatic discharger, 400 ml

I040-0022 static mixer MF 08-32

I040-0023 cartridge set with lip seal piston

Drying times:

Drying times (ISO 9117) at 100 µm	Drying stage (TG) 1 (dust dry)	Drying stage (TG) 7 (resistant to mechanical stress)
+20°C/30% rel. humidity	approx. 45 min.	approx. 180 min.
+23°C/65% rel. humidity	approx. 20 min.	approx. 140 min.
+30°C/85% rel. humidity	approx. 10 min.	approx. 40 min.

Storage/Transport conditions:

The material is storable for approx. 12 months from date of manufacture in firmly closed original containers. Seal open containers airtight and use up soon. Protect from frost, heat and humidity.

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Standard coating system:

The respective coating system can be individually adapted to the local manufacturing processes and the desired quality standard.

Please contact the responsible field staff!

Safety measures:

The information and safety advice on the containers as well as the respective accident prevention regulations of the responsible trade associations are to be observed at all times when working with this product. For further information, please see the Safety Data Sheets.