

# RELEST® Wind Putty Contour Cartridge

Art.-Nr. I3733715

## Properties:

<b>Type of binder</b>	Polyurethane
<b>Mixing ratio</b>	According to weight: 3 : 1 According to volume: 2 : 1
<b>Hardener</b>	RELEST® Hardener PUR 13
<b>Viscosity (base) Rotational measurement</b>	Thixotropic
<b>Density (ISO 2811-1, base)</b>	Approx. 1.68 g/cm <sup>3</sup>
<b>Solid content (base)</b>	Weight: approx. 98%
<b>Gloss level</b>	Not applicable
<b>Shore D hardness</b>	Approx. 57
<b>VOC content</b>	68 g/l
<b>Spreading rate</b>	At a recommended dry film thickness of 1 mm on even surfaces, in delivery form without application loss theoretical: 1.48 kg/m <sup>2</sup> corresponds to: 0.67 m <sup>2</sup> /kg  <small>Non-binding reference value since surfaces and their consumption rates vary. Carry out a test application according to DIN 53220 to assess the exact spreading rate.</small>

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

## Characteristics and resistance:

Viscoplastic, solvent-free polyurethane coating. Suitable for making highly light- and weather-resistant flat coats. RELEST® Wind Contour Cartridge is characterised by its very good adhesion to EP laminate, RELEST® Wind Gelcoat and RELEST® Wind ProcessCoat transparent.

## Substrate preparation:

### General:

The surface preparation is decisive for the durability of all coating systems. The substrates to be coated must usually be sanded. Surfaces must be clean, dry, solid and free of oil, grease, dust and other foreign layers. It is absolutely necessary to sand substrates prior to all repair and touch up operations.

### EP laminate:

The substrates to be treated must be thoroughly sanded in order to reliably remove any parting agent residues from the surface.

Substrates must be clean, dry, solid and free of oil, grease, dust and other foreign layers.

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## Application:

(The data are exemplary data only.)

<b>Application conditions</b>	+15°C min. to +35°C max. air and object temperature at 85% rel. humidity max. Observe dew point. The lower the ambient and the object temperature and the higher the air humidity, the longer the drying time.		
<b>Workable life</b>	Climate	Workable life	
	+20°C / 30% rel. humidity	approx. 4 min	
	+23°C / 65% rel. humidity	approx. 3 min	
	+35°C / 85% rel. humidity	approx. 1 - 2 min	
<b>Overcoating times</b> Overcoating interval with itself without sanding the RELEST® Wind Contour Cartridge coating	Climate	Overcoating times (**)	
		Minimum:	Maximum (*):
	+20°C / 30% rel. humidity	approx. 30 - 45 min	approx. 60 min
	+23°C / 65% rel. humidity	approx. 30 min	approx. 55 min
+35°C / 85% rel. humidity	approx. 25 - 30 min	approx. 40 min	

(\*) If the maximum time is exceeded, the surface must be thoroughly sanded with abrasive paper.

(\*\*) The overcoating times also depend on the applied film thickness of putty. High film thicknesses dry faster than low film thicknesses (exothermicity).

## Application method:

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.
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 smooth over the surface with a suitable metal filler knife immediately.

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## 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 1000 µm	Drying stage (TG) 1 (dust dry)	Drying stage (TG) 7 (resistant to mechanical stress)
+20°C/30% rel. humidity	approx. 20 min	approx. 150 min
+23°C/65% rel. humidity	approx. 17 min	approx. 65 min
+35°C/85% rel. humidity	approx. 12 min	approx. 45 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.

## 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.