

HALLEY UV20

1K UV PUTTY



TECHNICAL DATA SHEET A73

Version: 230619

DESCRIPTION

Halley UV20 is a UV-curing putty suitable for small and medium-sized repairs, which allows you to reduce drying times thanks to UV lamp curing technology, significantly reducing repair time.



PHYSICAL CHARACTERISTICS

Nature: Unsaturated polyester

Color: Translucent

Specific weight: 1,6kg/l a 20°C

VOC (Application mixture) 85 g/l

VOC USA (Application mixture) 55 g/l

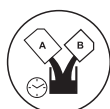
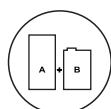
SUITABLE SURFACES

It can be applied on steel, aluminum, galvanized and plastics.
In case maximum protection is required, apply over epoxy primer.
Do not apply over thermoplastic topcoats or wash primers.

SURFACE PREPARATION

Process	Steel	Aluminium	Galvanized	UP-GFK Poliester
 P80	•	•	•	•
 P150	•	•	•	•
 DA93	•	•	•	•

APPLICATION



Ready
to use

Unlimited
pot life (*)

1000µm (**)

(*) The putty only cures when in contact with sunlight or UV lamp.

(**) For thicknesses greater than 1000 µm apply several thin coats (approx. 500 microns) and dry the putty between coats without sanding.

DRYING

	Irradiance	Static drying
	12-30 mW/cm ²	4 min.
	31-120 mW/cm ²	3 min.
	121-200 mW/cm ²	2 min.
	>200 mW/cm ²	1 min.

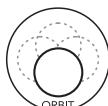


UV LED 395nm (20°C)

	 UV LED 395nm (20°C) Robled Lamp	Static drying time
		1 min. 10 cm with Robled

- If the lamp is too close to the substrate (<10 cm) for a prolonged period of time, this can cause drying problems.
- Exceeding the maximum recommended thickness may prevent deep curing. In case of high thicknesses, start curing by moving the lamp more than 20 cm away and gradually bring it closer.
- It is not recommended to use lamps with lower power than recommended, as they may cause incomplete drying.
- Using non-LED lamps may increase drying time due to lower intensity in the dominant wavelength range (395 nm).

SANDING



INITIAL	5-3 mm	P150
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FINAL	5-3 mm	P240
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REMARKS

It must be insulated before finish is applied. Lower temperatures below 5°C may cause slower drying.

EQUIPMENT CLEANING

Clean the spatulas with cleaning solvent before the product hardens.

SAFETY

Consult the product label. For further information refer to the safety data sheet. Respect the directives of safety and hygiene at work as well as those of waste disposal. Use 100% UV filtered protective glasses when handling the lamp when it's turned on and avoid contact of UV light with the skin.

STORAGE

Keep in a cool and ventilated place avoiding exposure to direct sunlight. Store between +5 °C and +30 °C.

WARRANTY

One year in original unopened packaging.

For any technical information, please contact our Customer Service or Technical Department.

These products are for professional use only. The Safety Data Sheet must be consulted before use and the precautionary warnings on the product packaging must be observed. Their correct use, in accordance with their purpose and respecting the technical and safety data provided in these documents, is the sole and exclusive responsibility of the user. ROBERLO S.A.U. declines any responsibility due to the incorrect use of any product.

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