

HALLEY UV200

1K UV PRIMER FILLER



TECHNICAL DATA SHEET C43

Version: 240919

DESCRIPTION

Polyester primer suitable for medium and small repairs, allowing drying times close to a minute with the use of UV drying lamps, significantly reducing repair process times.



PHYSICAL CHARACTERISTICS

Nature: Unsaturated polyester

Color: Translucent

Specific weight: 1,4kg/l a 20°C

VOC (Application Mix)	200 g/l
VOC USA (Application Mix)	14 g/l
Yield (Per coat)	9-13 m²/l

SURFACE OR SUPPORT PREPARATION

Process	OEM paint	Cataphoresis	Polyester putties	Aluminium	Steel	Electro zinc plated steel	Galvanized steel	Plastics*
 P240-P340	•	•	•	•	•	•	•	•
 DA93	•	•	•	•	•	•	•	•

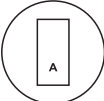
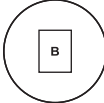
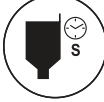
*In applications on plastics, we have two alternatives:

1. BEFORE THE APPLICATION OF HALLEY UV200 PRIMER.

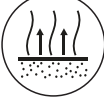
Once the substrate has been prepared, it will be necessary to use PRIMERPLAST adhesion promoter for plastics.

2. ADDING OMNIPLAST ADDITIVE TO FONDO UV200, allowing, once the substrate has been prepared, to apply directly the filler on the plastic substrate, following the mixing ratio indicated in the following section.

MIXING RATIO

Support	Bare metal, antique or original painted and plastic using Primerplast	Plastics using Omniplast
		Weight
	Halley UV200	100
	Ready to use	
	Omniplast	12
	F/4 a 20°C	45 s
		40 s
	20°C	5 days with daily use and without exposure to light
		5 days with daily use and without exposure to light

APPLICATION METHOD

Support	Bare metal, painted antique or ornamental	Plastic using Primerplast	Plastics using Omniplast
	1.2-1.4 mm	1.2 mm	1.2 mm
	Hybrid		
	1.5-2.0 bar	1.5-2.0 bar	1.5-2.0 bar
Total dry maximum thickness	120 µm	80 µm	80µm
	Coats	2 thin	2 thin
	20°C	2 min. between coats	2 min. between coats
	Drying between coats	No	No
	20°C	5 minutes before final drying	2 minutes before final drying

*See drying chart for exposure time to UV light

In the case of repainting with very low coverage colors, it will be helpful to apply, from the corresponding water-based basecoat system, a color coat equivalent to the recommended base color.

DRYING



UV LED 395nm (20°C)

Irradiance

Static curing time

12-55 mW/cm²

2 min.

56-200 mW/cm²

1 min.

>200 mW/cm²

30 s.



UV LED
395nm (20°C)

Scangrip UV gun (Robled)

Curing in motion

Static curing

Lamp-support distance

10 cm

10 cm

56 cm

Irradiance

340 mW/cm²

340 mW/cm²

14 mW/cm²

Illuminated diameter

18 cm

18 cm

68 cm

Drying time

1 min.

30 s.

2 min.

Drying time increases for: higher thicknesses than previously recommended, less powerful lamps and large surfaces where the lamp has to be moved away.

In case of thicknesses greater than those recommended above, start drying by placing the lamp at a greater distance and gradually move it closer.

To ensure curing of the edges and blurring of the patch/part, remove the masking paper during lamp drying.

Using lower intensity lamps in the dominant wavelength range (395nm) may increase drying time.

For curing in motion it is important not to have a repair surface larger than 50x50 cm; in case of larger dimensions increase the curing time.

SANDING



ORBITE 3

INITIAL

P320/P400

FINAL

P500/P600

EQUIPMENT CLEANING

Clean the spray gun and its components with cleaning solvent after application.

SAFETY

Consult the product label. For more information consult the safety data sheets. Comply with occupational health and safety and waste disposal guidelines.

Wear protective goggles with 100% UV filter when handling the lit lamp and avoid contact of UV light with the skin.

STORAGE

The product hardens in contact with daylight, therefore it is necessary to keep the product container open for as short a time as possible. Do not leave the product for more than 5 days inside the opaque cups.

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

GUARANTEE

In original unopened packaging, one year from date of manufacture.

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

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

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