



HALLEY UV200

C43

VERSION: 230109
Page:1/5

UNSATURATED POLYESTER 1K DTM PRIMER

DEFINITION

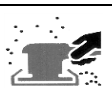
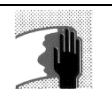
HALLEY UV200 is suitable for medium and small repairs, allowing drying times close to 1 minute with the use of UV drying lamps, significantly reducing overall repair times.

PHYSICAL CHARACTERISTICS

Nature: 1K unsaturated polyester
Colour: Grey
Specific weight: 1,4 kg/l at 20°C

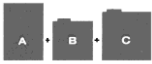

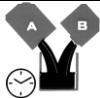
| | | |
|-----------------|------------------------|--------------------|
| VOC: | 200 g/l | Mixing application |
| VOC USA: | 14 g/l | Mixing application |
| Yield: | 9-13 m ² /L | Per coat |

SUBSTRATE AND SURFACE PREPARATION







| PROCESS | | OEM Paint | Cataphoresis | Polyester putty | Aluminium | Steel | Zinc-plated steel | Galvanised steel | Plastics* |
|---|-----------|-----------|--------------|-----------------|-----------|-------|-------------------|------------------|-----------|
|  | P240-P320 | √ | √ | √ | √ | √ | √ | √ | √ |
|  | DA93 | √ | √ | √ | √ | √ | √ | √ | √ |

*In applications on plastics, once the surface has been prepared and before using the primer, it is necessary to use the PRIMERPLAST adhesion promoter.

MIXING RATIO


| | | <i>Vol</i> | <i>Weight</i> |
|---|-------------|---|---------------|
|  | | Ready to use. DO NOT add solvent | |
|  | F/4 at 20°C | 25 s | |
|  | 20°C | 5 days with daily use and no exposure to light | |


APPLICATION METHOD

| Surface | | Bare metal, Previous / Original Paint Finish | Plastic |
|---|-----------------------------|--|----------------------------|
|  | Hybrid | 1.2 - 1.4 mm | 1.2 mm |
|  | | 1.5 - 2.0 bar | 1.5 - 2.0 bar |
| Total dry maximum thickness | | 120 µm | 80 µm |
|  | Coats | 2 coats | 2 thin coats |
|  | 20°C | 2 min between coats | 2 min between coats |
|  | Drying between coats | NO | YES* |
|  | 20°C | 5 min before final drying | 2 min before second drying |

* See drying table for exposure time to UV light.

DRYING TIMES

|  UV LED 395nm 20°C | |
|--|---------------|
| Irradiance | Static curing |
| 12 - 55 mW/cm ² | 2 min |
| 56 - 200 mW/cm ² | 1 min |
| >200 mW/cm ² | 30 s |

| | | | |
|--|-------------------------|------------------------|-----------------------|
| Scangrip UV gun Roberlo Lamp  UV LED 395nm 20°C | Curing in motion | Static curing | |
| Lamp-surface distance | 10 cm | 10 cm | 56 cm |
| Irradiance | 340 mW/cm ² | 340 mW/cm ² | 14 mW/cm ² |
| Curing Diameter ø | 18 cm | 18 cm | 68 cm |
| Drying time | 1 min | 30 s | 2 min |

The drying time increases when thicknesses are higher than those recommended above, the use of less powerful lamps and large surfaces where the lamp must be moved to a greater distance.


In case of thicknesses higher than those recommended, start drying by placing the lamp at a greater distance and bringing it progressively close (swap round).

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

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

For curing in motion it is important that the repair is no greater than 50x50 cm surface area, in the case of higher dimensions, increase the curing time.

SANDING

| | | |
|--|----------------|-------------|
|  ORBIT 3 | INITIAL | P320 / P400 |
| | FINAL | P500 / P600 |

EQUIPMENT CLEANING

Clean the gun and its components with cleaning solvent once the application is finished.

SAFETY

Refer to the product label. For more information check the Safety Data Sheet. Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal. Use protective glasses with 100% UV filter when handling the lamp on and avoid contact of UV light with the skin.

STORAGE

The product hardens in contact with daylight, as a consequence it is necessary to keep the product container open for the shortest possible time.
Store the product in a ventilated place far from direct exposure to sunlight. Keep between +5°C and +30°C.

GUARANTEE

One year in unopened original packaging.

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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