

TECHNICAL DATA SHEET

1. IDENTIFICATION OF THE PRODUCTO

NAME OF THE PRODUCT	BASIC Primer 2K 4:1 UHS VOC 4L
CODE	020020 (dark grey) RAL 7021 020021 (grey) RAL 7040 020022 (light grey) RAL 7035

2. DESCRIPTION

Two-component acrylic primer with high filler capacity, fast drying and easy sand.
Multipurpose product for new or restored parts.
Designed for repairing passenger cars and industrial vehicles.
It has very good adhesion on steel, aluminum, galvanized steel and a wide variety of plastics.

3. PHYSICAL PROPERTIES

V.O.C. (g/l)	<540 g/l
Standard	2004/42/CE IIB (C)
Type of product	Acrylic
Colour	Dark grey RAL 7021 Grey RAL 7040 Light grey RAL 7035

4. SURFACE PREPARATION

Good adhesion on cleaned steel, aluminium, galvanize cataphoresis and zinc, though recommendable to apply on primer or on previously sanded polyester putty range.
It also has adhesion on sanded and degreased GRP.
On other kind of plastics as PP-EPDM, PVC, ABS, PA, PC, MA, SMC, NORYL and PC presents good adhesion.
Recoverable with base-coat in low VOC processes.
Before starting the job should first sand, clean and degrease correctly the area with degreasers.
Recoatable with 2K topcoats and two-coat systems, both water and solvent based.
This filler is not recommended for repairs on thermoplastic acrylic enamels.

5. APPLICATION INSTRUCTIONS

To get better finishes follow the indicated terms and thicknesses.
To obtain an excellent finish the surface should be smooth and uniform.



Mixing ratio

Volume: 4:1 V.

Weight: 100:15 P.



Pot-life

UHS standard activator for primer (ref. 020025): 2 hours.

UHS express activator for primer (ref. 020023): 1 hour.



Application viscosity:

Dilution %:

45-50''.

DS-40 Acrylic solvent normal (VOC).

8-10%.



Gravity Gun: 1,8 – 2,2 mm.

Application pressure: 2 – 2,5 bar.



Number of coats: 2 - 3 coats.

Total thickness: 100 – 150 µm.



Flash time:

5-10 minutes between coats until matt.

5-10 minutes before accelerating drying.



Drying time

20°C:

UHS standard activator for primer (ref. 020025): 45 minutes.

UHS express activator for primer (ref. 020023): 20 minutes.

IR Medium wave:

UHS standard activator for primer (ref. 020025): 12-15 minutes.

UHS express activator for primer (ref. 020023): 8-10 minutes.

60°C:

UHS standard activator for primer (ref. 020025): 30 minutes.

UHS express activator for primer (ref. 020023): 20 minutes.



Sanding:

P400 for basecoats/ P360 for topcoats.

20°C:

UHS standard activator for primer (ref. 020025): 3-4 hours.

UHS express activator for primer (ref. 020023): 2 hours.

IR Medium wave:

After drying.

60°C:

After drying.

Mixing table	100g	250g	500g	1000g
Primer	80	200	400	800
Hardener	12	30	60	120
Thinner	8	20	40	80

6. STORAGE AND SAFETY

The use of appropriate personal protective equipment is recommended during application, to prevent the irritation of the respiratory tract, skin and eyes. For professional use only.

Keep in a tightly covered container, in a dry and ventilated place. Avoid direct exposure to sunlight. Temperature above 5°C is recommended, between 15 and 30°C is optimal.
Expiration date: two years from the manufacturing date.

The information on this technical sheet is in accordance with our experience. We ensure the quality of the product; however, the conditions of use are not under our control, we cannot assume any responsibility for the results obtained.