

1549 GP 1000

TWO-COMPONENT ACRYLIC PRIMER



Two-component



Spray

Advantages

- Even for high thicknesses
- Smooth look

Description and Use

GP 1000 is a primer for spray application having a high solid content; it features very quick drying, good filling power, easy dry and wet sanding, good adhesion to iron surfaces, polyester putties and existing paints.

Sanding it with sandpaper, it produces a heavy dust which falls down without float in the environment.

The low absorbing power and the good adhering power will give as result a final enamel film smooth, bright and firmly adhering to the surface.

When applied to galvanized steel and light alloys, it is suggested that adhesion primer EPOKAR PRIMER code 1385, or UNIPRIMER SPRAY code 2001 be used.

Substrate preparation

POLYESTER PUTTIES:

- Sandpaper.

EXISTING PAINTS AND SURFACES TREATED WITH CATAPHORESIS:

- Rough with abrasive paper or Scotch Brite.

IRON SURFACES:

- Sandpaper.

GALVANIZED STEEL AND LIGHT ALLOYS:

- Apply one coat of PRIMER-25 code 1385 or UNIPRIMER SPRAY code 2001 on properly prepared supports as indicated in our Technical Data Sheet.

For all types of surface, we recommend to remove dust and degrease with ANTISILICONE code 1618 or QUICK OFF code 0642.

Application

Application method:

- air mix spray gun with nozzle Ø 1.5-1.9 mm and pressure of 2.0-2.5 bar.

Product preparation:

Stir thoroughly the product and the hardener as indicated in the following schedule, add the thinner and stir well again until having a homogeneous product.

	By weight	By volume
PRODUCT 1549 GP 1000	100	5
HARDENER INDURITORE 4500 FAST HS or INDURITORE 4300 STANDARD HS	13	1
THINNER 1653 DILUENTE PER ACRILICI or 1648 DILUENTE PER ACRILICI LENTO or 1611 DILUENTE EXTRA PU	5-15	5-15
Never use Cellulose thinner.		

Recommended thicknesses:

80-120 µm dry film, waiting 5 ÷ 10 minutes between coats.

Recoating:

Just after sanding, with any type of top coat.

Storage life

If stored in a cool, dry place, away from sources of heat and sheltered from sunlight, in its sealed original packaging, the product has a shelf life of 24 months. Check the product's shelf life by referring to the production batch number shown on the packaging. The batch number is made of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with current legislation.

Technical features

Colour	grey
Binder	acrylic resins/isocyanate
Pot-life	40 minutes
Viscosity	4000-5000 mPas Brookfield rpm 20 s 4
Recommended thicknesses	80-120 µm dry film
Practical cover rate *	2.5-3.5 m²/l
Air drying (20°C - 65% RH)	20 minutes, dust free
	2.5 hours, touch dry
	6 hours, sanding
Oven drying (60°C)	30 minutes, sanding
I.R. Lamps: follow manufacturer's instructions (e.g. times and distances)	
EU limit values for VOC content (Directive 2004/42/EC)	Category B/c, SB: VOC max 540g/l product VOC < 540g/l
AFNOR NF T 36-005 classification	Family I - Category 7b1
* The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.	
The data are measured at a temperature of 20°C.	

Warnings

- For professional use only.
- Always read the safety datasheet before use.
- Solvents or thinners used for cleaning tools, as well as any product residues, must not be released into the environment or poured down domestic drains. The recipient/product/thinner or cleaning solvent must be disposed of in accordance with national regulations.
- It is recommended to acquire all the material required to finish the work of the same batch.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the raw materials available on the market can lead to slight deviations in the declared values. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.technica@impa.it.