

1381 EASY 3000 HS

ANTI-SCRATCH TWO-COMPONENT ACRYLIC CLEAR-COAT



Two-component



See warnings



Spray

Advantages

- Easy to apply
- Scratchproof

Description and Use

New-generation two-component transparent acrylic varnish. It is easy to apply and spreads very well. It also presents a high shine level, excellent resistance to scratches (car-wash brushes) and anti-ageing (non-yellowing) properties. Easy to use and quick-drying, this varnish is indicated for double-layer finishes in car bodywork.

The three hardeners allow to choose each time the most suitable one for the application you are making, offering a large range of uses.

Substrate preparation

Surface must be dry, clean and silicon, grease or oil free.

Application

Application method:

- Air mix spray gun with nozzle Ø 1.2-1.4 mm and pressure of 1.5-2.0 bar.

Product preparation:

Stir thoroughly the product, then add the suitable hardener, in the ratio of 2: 1 by weight or volume.

- INDURITORE 4100 SLOW HS: to be used in the summer time, in case of oven drying and to paint large surfaces.
- INDURITORE 4300 STANDARD HS: for general use, for oven or air drying.
- INDURITORE 4500 FAST HS: used for retouching on little surfaces, during the cold season or when the oven is not provide.

Dilution:

Dilute with 1653 DILUENTE PER ACRILICI or 1648 DILUENTE PER ACRILICI LENTO max 10%.

Application

Table 1	By weight	By volume
PRODUCT 1381 EASY 3000 HS	100	2
HARDENER INDURITORE 4100 SLOW HS or INDURITORE 4300 STANDARD HS or INDURITORE 4500 FAST HS	50	1
THINNER 1653 DILUENTE PER ACRILICI or 1648 DILUENTE PER ACRILICI LENTO	0-10%	0-10%

Waiting time between two coats:

5-10 minutes

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 the current legislation.

Technical features

Colour	transparent, colourless
Binder	acrylic resins/isocyanate
Appearance of the dry film	brilliant
Gloss	90-92 gloss (Gardner 60°)
Pot-life	approx. 2 hours
Application viscosity	15-18 seconds FORD cup 4
Recommended thicknesses	50 µm dry film
Practical cover rate *	6-8 m ² /l (2 layers)
Air drying (20°C - 65% RH)	10-15 minutes, dust free
	6-8 hours, handling
	24 hours, polishing
Oven drying (60°C)	10 minutes, flash off
	30 minutes, polishing
I.R. Lamps: follow manufacturer's instructions (e.g. times and distances)	
EU limit values for VOC content (Directive 2004/42/EC)	Category B/e, SB: VOC max 840g/l product VOC < 840g/l
* 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

- The product contains synthetic polymer microparticles (SPM).
- **INSTRUCTIONS TO PREVENT THE RELEASE OF SYNTHETIC POLYMER MICROPARTICLES INTO THE ENVIRONMENT**
- In accordance with Regulation (EU) 2023/2055, please follow the procedures below to prevent environmental release.
- During use and application, avoid accidental release of the product onto soil, into drains, or household wastewater. Apply the product only to the surfaces to be treated.
- Any remaining product should be stored by tightly sealing the original container. Dispose of the product/container in accordance with national regulations.
- If you wish to reuse the tools used for application, follow these steps to clean them in an environmentally responsible manner.
- The water, 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.
- Remove as much product as possible from the tools used.
- Soak the tools in hot water or in solvent for at least a couple of hours, then remove them from the container.
- Allow the water in the bucket to evaporate and let the tools dry. For solvent-based products, close the container. Do not release the product into the environment and do not pour it into drains.
- Deliver the container with any remaining product / wash water / solvent / cleaning thinner to an authorised waste collection centre, in accordance with national regulations.
- For professional use only.
- Always refer to the safety data sheet for the relevant products.
- 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.

SHAKE WELL THE CAN BEFORE USE.

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.