

1335 MAGIC HS

2K ANTI-SCRATCH ACRYLIC CLEAR-COAT



Car refinish



Two-component



Shake before use



Spray



Protect against rain

Advantages

- Excellent scrub resistance
- Also for carbon

Description and Use

MAGIC HS is a high quality, non-yellowing, acrylic clear-coat with high solid contents, easy to apply, characterized by fast drying, high gloss level and excellent scratch resistance (car wash brushes).

It can be used for double coat finishes on matt pastel and metallised bases, both water and solvent based.

These features ensures maximum final results in all double layer applications, regardless of the type of matt base used.

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 spray gun (conventional) with nozzle Ø 1.4-1.6 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 SLOW HS code 4100: to be used in the summer time, in case of oven drying, and to paint large surfaces.
- INDURITORE STANDARD code 4300: general use, for oven or air drying.
- INDURITORE FAST HS code 4500: 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%.

Table 1	By weight	By volume
PRODUCT 1335 MAGIC HS	100	2
HARDENER 4100 INDURITORE SLOW HS or 4300 INDURITORE STANDARD HS or 4500 INDURITORE 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
Gloss	90-92 GU at 60°, glossy
Pot-life	approx. 2 hours
Application viscosity	15 - 20 seconds FORD cup 4
Recommended thicknesses	50 µm dry film
Practical cover rate *	7-8 m²/l (2 layers)
Air drying (20°C - 65% RH)	10-15 minutes, dust free
	6-8 hours, handling
	24 hours, through drying
Oven drying (60°C)	10 minutes, flash off
	30 minutes, through drying
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

- 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.

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.