

1398 TOTAL LAK UHS

FAST ACRYLIC UHS CLEAR-COAT



Two-component



Spray

Description and Use

Two-component acrylic clear-coat, non-yellowing, excellent quality, with a high solids content (VOC content less than 420 g/l).

Thanks to its easy applicability and versatility, it is possible to increase productivity while always obtaining excellent results. It can be used for double coat finishes on matt pastel and metallised bases, both water and solvent based.

Substrate preparation

All types of matt basis, well dried, both water-based or solvent-based.

Application

Application method:

- high transfer efficiency gun: nozzle Ø 1.2-1.4 mm and pressure of 1.5-2.0 bar.
- HVLP gun: nozzle Ø 1.2-1.4 mm. Follow manufacturer's instructions.

Product preparation:

Mix thoroughly the two components in the following ratio:

Components	By volume	By weight
1398 TOTAL LAK UHS	2	100
4376 INDURITORE STANDARD UHS or 4386 INDURITORE SLOW UHS	1	50
1653 DILUENTE PER ACRILICI	max 10%	max 10%

The choice of the suitable hardener must be made based on the work to be performed.

For a few panels / small surfaces it is possible to use INDURITORE STANDARD code 4376.

We do not recommend using this hardener at high temperatures and on flat and large surfaces.

For complete painting / many panels we suggest the use of INDURITORE SLOW code 4386.

Recommended thicknesses:

50-60 µm dry film, applying a first one regular coat followed by one full coat, and max. 5-10 minutes flash off time.

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	transparent, colourless
Binder	acrylic resins/isocyanate
Appearance of the dry film	brilliant
Gloss	> 95 gloss (Gardner 60°)
Pot-life	50-60 minutes
Application viscosity	18-21 seconds FORD Cup 4
Recommended thicknesses	50-60 µm dry film
Practical cover rate *	8-9 m ² /l (2 layers)
Air drying (20°C and 65% R.H.)	20 minutes, dust free
	4 hours, handling
	24 hours, through drying
Oven drying (50°C)	0-10 minutes at 25°C, flash off
	20 minutes, through drying
Forced drying times will depend on the type of spraying box used.	
AFNOR NF T 36-005 classification	Family I - Category 7b1
EU limit values for VOC content (Directive 2004/42/EC)	Category B/d, SB: VOC max 420g/l product VOC < 420g/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 refer to the safety data sheet for the relevant products.
- 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.
- Carefully close the hardener container immediately after use as the product reacts with humidity in the air, compromising the drying properties.
- The leftover ready-to-use product must not be put back to its original packaging.
- 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.