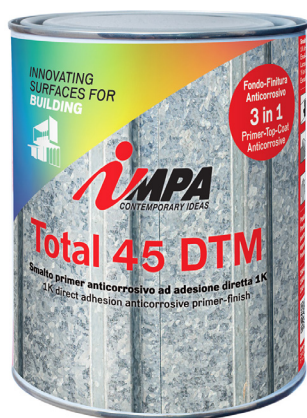


1342 TOTAL 45 DTM

1K DIRECT ADHESION ANTICORROSIVE PRIMER-FINISH



Brush



Roller



Spray



See warnings

Advantages

- Anti-corrosion protection, applicable directly on steel.
- Good adhesion on galvanized surfaces and light alloys
- Appearance satin
- Excellent brushability
- The product complies with CAM 2025 requirements for outdoor use

Description and Use

Single-component satin finish based on acrylic and alkyd resins characterised by good adhesion and resistance to corrosion in salt spray for 250 hours (ISO 9227). Thanks to its characteristics, it can be applied directly to ferrous substrates, hot-dip galvanized or electrogalvanized iron, aluminum, or copper. It also has good adhesion to substrates such as PVC and PLEXIGLASS.

It can be coloured using the ADVANCE HT tinting system.

The product also complies with the award requirement according to the Ministerial Decree of 24 November 2025 (CAM 2025 Edilizia): ISO 14001 certified company.

Substrate preparation

IRON SURFACES:

- Remove any traces of rust and scale by sandblasting (grade Sa2^{1/2}) and/or sanding/brushing (grade ST2), proceed with a thorough cleaning using suitable solvents, eliminate any dirt, grease and humidity.
- If applying over existing paints or anticorrosive primers, make sure they are well-adhered and can support repainting with the product. Otherwise, proceed to remove them by sanding/brushing, then apply 1342 on a perfectly clean surface.

GALVANIZED STEEL, ALUMINIUM AND LIGHT ALLOYS:

- On aluminium and light alloys, roughen the substrate by lightly sanding, and after having carried out a thorough cleaning, proceed with the application of two coats of 1342.
- On galvanized surfaces, thoroughly clean the substrate before applying the product.

Given the presence of numerous types of galvanizing and aluminum on the market, it is advisable to carry out preliminary tests to verify adhesion to the same.

PVC/PLEXIGLASS:

Clean thoroughly with a suitable solvent before applying the product.

Application

Application method:

- brush
- roller
- Air mix spray gun with nozzle Ø 1.6-1.5 mm and pressure of 1.5-2.5 bar

Product preparation:

Mix the product until it reaches a uniform color and consistency.
Dilute with ACQUARAGIA cod. 1602 or DILUENTE SINTETICO cod. 1603 max 5%.

Recommended thicknesses:

50-60 µm dry film, applying two coats

Storage life

If stored in a cool, dry place, away from sources of heat and sheltered from direct sunlight, in its sealed original packaging, the product has a shelf life of 12 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 shelf life has expired, it must be disposed of in accordance with current legislation.

Technical features

Colour	see price list
Appearance of the dry film	satín
Gloss	30-40 gloss (Gardner 60°)
Viscosity **	2500-5000 mPas Brookfield rpm 20 s 4
Practical cover rate *	7 m ² /kg with a dry film thickness of 60 µm
Recommended thicknesses	60 µm dry film (2 coats)
Repaintability	after 18-24 hours depending on the color
The product can be overpainted, after complete drying (seven days), with products from the Acril-PU 19XX series	
Air drying (20°C - 65% RH)	30 minutes, dust-free
	4-6 hours, handling
	24-36 hours, through drying
EU limit values for VOC content (Directive 2004/42/EC)	Category A/i, SB: VOC max 500g/l product VOC < 500 g/l
* The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.	
** May change according to the colour.	
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.
- Product recommended for expert users.
- Always refer to the safety data sheet for the relevant products.
- 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 and the tinting of the product can lead to slight deviations in the declared values, in the colour and in the aesthetic effects obtained. 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.

High environment humidity and excessive thickness may retard the hardening of the applied film, leading to imperfections and/or detachment. Surface and ambient temperature must be above + 5 (41°F) and below 35°C (95°F).

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.tecnica@impa.it.