0654 AQUA DT MATT

WATER-DILUTABLE, DIRECT-ADHESION TOPCOAT ENAMEL FOR INTERIOR AND EXTERIOR USE



Water based

Interior/Exterior

advance HT 3.0

Brush

Roller

Spray

Advantages

→ Matt silky appearance
→ Interior and exterior
→ Spreads very well.
→ Excellent coverage and adhesion

Description and Use

AQUA DT MATT is a water-based enamel featuring direct-adhesion technology; it offers rapid drying, ease of application, excellent flow, and high hiding power. The dried film is resistant to atmospheric agents and possesses good elasticity.
It can be applied both indoors and outdoors to various types of substrates, including iron, alloys, galvanized sheet metal, wood, and PVC. It is also suitable for application on glass, but only for interior systems. Refer to the section on substrate preparation.
It is colored using the ADVANCE HT tinting system.

Substrate preparation

Thorough cleaning of the substrate is a precondition for the positive outcome of the painting.

INTERIOR CYCLES:
The product can be applied directly to ferrous substrates, alloys and galvanized sheet metal, wood, PVC, glass or old, well-adhered paints, without the use of primer.
Applying the product requires 2 or 3 coats with a roller, brush or spray.

IMPA S.p.A Unipersonale Via Crevada, 9/E 31020 San Pietro di Feletto (TV), Italy Tel. +39 0438 4548 Fax +39 0438 454915
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Substrate preparation

EXTERIOR CYCLES:

IRON SURFACES:
Take off any trace of rust, iron scale, grease and moisture; remove non-adhering existing paints by sanding.
Apply the water-dilutable rust inhibitor KORINTHOS PRIMER series 0717, or OXITE series 1010 or PRIMING COAT code 1243. Once dry, proceed with the application of 2 coats of AQUA DT MATT.

WOODEN SURFACES:
Sand with P120 paper and prepare the base by applying a layer of NATUR WOOD, followed by WOOD PRIMER code 0641, water-based sandable base. For woods rich in tannins such as oak, chestnut, fir and acacia, prefer a solvent-based preparation cycle using the products PRATIK WOOD and FONDOPAC EXTRA. Once dry, proceed with the application of 2 layers of AQUA DT MATT
On painted wood, lightly abrade with a Scotch-brite cloth, remove dust and apply AQUA DT MATT directly, using 3 coats with a roller, brush or spray.

GALVANIZED SURFACES, ALUMINUM, ALLOYS AND PVC:
After carefully cleaning the substrate, proceed with the application of 2 layers of AQUA DT MATT

Application

Application method:
- brush
- short-napped or microfiber roller
- spray

Product preparation:
Mix to achieve even colour and consistency.

Dilution:
for brush or roller applications: 5-10% water by weight/volume
for spray gun applications: 10-15% water by weight/volume

Recoating:
Wait 4-5 hours between coats of AQUA DT MATT.

Storage life

PROTECT FROM FROST. Store the packaged product at a temperature between +5°C and +35°C.
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 stated shelf life has expired, it must be disposed of in accordance with current legislation.

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Technical features

Colour	white and colours card
Appearance of the dry film	matt 10-15 gloss (Gardner 60°)
Specific weight	white: 1.29 kg/l (± 0.02)
Viscosity	3000 - 4000 mPa.s Brookfield
Recommended thicknesses	60 µm dry film
Practical cover rate *	4 m²/l with a dry film thickness of 60 µm
Air drying (20°C - 65% RH)	20 minutes, dust free
	8 hours, touch dry
	24-36 hours, through drying
EU limit values for VOC content (Directive 2004/42/EC)	Category A/d, WB: VOC max 130g/l
* The yield may vary according to the roughness and absorption of the substrate and in relation to the application system used.	
The data are measured at a temperature of 20° C	

Warnings

- Product recommended for expert users.
- Always refer to the safety data sheet for the relevant products.
- During use, ventilate the room well and use water to clean tools.
- 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.
- Do not apply in foggy or rainy weather, or with a RH greater than 75%.
- Surface and ambient temperature must be above + 5 (41°F) and below 35°C (95°F).
- Outdoor applications must be protected from rain for at least 24 hours, and in any case until completely dried.
- 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.

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.

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