



ESMALTE ANTIOXIDANTE MARTELE

SALES FORMAT

COLOURS: 4L, 750ML

BASES: 4L, 750ML

DESCRIPTION

An enamel that can be applied directly onto rust, without the need for a primer or sanding. It dries very quickly, producing highly decorative martelé finishes. Specially formulated for application onto ferrous surfaces, it can also be applied to plaster and wood if desired.

SCOPE OF APPLICATION

Outdoors/Indoor
Iron and Steel
Electricity poles
Metal furniture, Fences
Balustrades, Railings
Bridges, Street lamps
Cranes, lifts
Machine tools

PROPERTIES

- Directly onto rust
- No primer required
- Prevents the passage of moisture
- Glossy Martelé finish
- Lightfast solid colours

Disponible **TKROMATIC**

TECHNICAL DATA

Chemical composition	Alkyd resins	
Colour	Colour chart and colours	
Finish	Glossy Martelé effect	
Density	0.95 ± 0.05 g/ml	UNE-EN ISO 2811-1
Viscosity	65 ± 5 KU	UNE 48076
Volume solids	39–43%	UNE-EN ISO 23811
VOC	< 500 g/L. Maximum value permitted by the EU: 500 g/L	2004/42/II Category (i)
Theoretical coverage	9–11 m ² /L (40 dry microns)	
Drying times	Touch-dry: 20 mins Tack-free: 30 mins Fully dry: 1 hour	
Recoating time	between 1 and 6 hours or from 48 hours onwards	
Dilution	5–20 per cent depending on the application method	
Thinner	ANTIOXIDANT SOLVENT 376	
Cleaning	UNIVERSAL SOLVENT 302	

The technical data specified may vary if the material is tinted.

PREPARATION OF THE SUBSTRATE

GENERAL INFORMATION

Outdoors, do not apply if rain is forecast, in direct midday sun or on very humid days. Excessive humidity adversely affects both the strength of the dried film and the final appearance.

UNPAINTED IRON OR STEEL SURFACES

Although not strictly necessary from an anti-corrosion perspective, in order to level and smooth the surface and achieve a purely decorative finish, any rust and rolling mill residues must be removed using suitable scrapers or wire brushes, the surface must be degreased and cleaned of dust and dirt, and carefully sanded until coarse rust residues are removed from the surface. Then apply MARTELÉ ANTI-CORROSIVE ENAMEL in accordance with the application system.

PAINTED IRON OR STEEL SURFACES

Remove any coats of paint that are not perfectly adhered, then proceed as indicated for unpainted iron surfaces.

GALVANISED STEEL AND ALUMINIUM SURFACES

Degrease and clean the surface. Apply a coat of PRIMER 4515 MULTI-PURPOSE or EPOXI PRIMER 1521 GLASS. Apply MARTELÉ ANTI-CORROSION ENAMEL once the drying time specified in the primer's technical data sheet has elapsed.

APPLICATION CONDITIONS

Substrate temperature	Min. + 5°C / Max. + 35°C
Ambient temperature	5°C / 35°C
Dew Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of flaking or efflorescence.

APPLICATION SYSTEM

System	Product	Yield	Dilution	Coats
PRIMING (Iron, Steel and Difficult Surfaces)	PRIMER 4515 MULTI-PURPOSE / EPOXY PRIMER 1521 GLASS	View technical data sheet for primer	View technical data sheet for primer	1 or 2
FINISH	MARTELÉ ANTI-CORROSION ENAMEL	9-11 m ² /L per coat	5-20% DEPENDING ON THE APPLICATION SYSTEM – SOLVENT-BASED ANTIOXIDANT 376	2 to 4

APPLICATION RECOMMENDATIONS

Product preparation:	Stir until the product is thoroughly homogenised. Stir again periodically. Adjust the viscosity. During lengthy processes, evaporation will occur; readjust the viscosity.
Application method:	<p>Can be applied by brush, roller, airbrush or airless spray gun. For brush application, dilute by 10–15% preferably with ANTIOXIDANT SOLVENT 376, or SYNTHETIC AND OIL-BASED SOLVENT 345 or CHLORO-RUBBER SOLVENT 350 as alternative solvents. For application by roller, dilute by 10–20%, preferably with ANTIOXIDANT SOLVENT 376, or SYNTHETIC AND OILY SOLVENT 345 or CHLORO-RUBBER SOLVENT 350 as alternative solvents.</p> <p>Depending on the roller used, the dilution and the environmental conditions, the product may be prone to bubbling and stringing. It is recommended to use short-pile rollers, apply thin coats, and avoid high ambient and substrate temperatures.</p> <p>IMPORTANT: Do not recoat between 6 and 48 hours after applying the first coat; after 48 hours, recoating is possible with no time restriction. It is recommended not to apply multiple coats.</p> <p>Airbrush: adjust viscosity to 28–32 seconds Ford N-4 with 15–20% of the same solvents. Airless spray gun: adjust viscosity to 40–50 seconds Ford N-4 with 5–15% of the same solvents.</p>

ADDITIONAL INFORMATION

Health and safety	For any information regarding safety issues relating to the use, storage, transport and disposal of waste from this product, users should consult the labelling and the latest version of the Safety Data Sheet, which contains physical, ecological and toxicological data, as well as other relevant information on this subject. WASTE: HAZARDOUS. LER CODE: 080111
Storage	The product will remain stable in its original, unopened packaging at ambient temperatures not exceeding 30°C or falling below 5°C for 12 months from the date of manufacture. The product must be stored in a cool, dry place, in its original, tightly sealed, undamaged packaging, protected from frost and direct sunlight.
Tariff heading	TARIC code: 3208 90 91
Note	The technical information contained in this document is provided in good faith, based on laboratory tests and practical experience under normal conditions. However, the data may vary, particularly when the material is tinted or when using intense colours, in which case parameters such as density or solids by volume may be affected without compromising the product's performance. Users are advised to verify the suitability of the product for their specific application and to request the relevant colour safety data sheet from their distributor for reference.