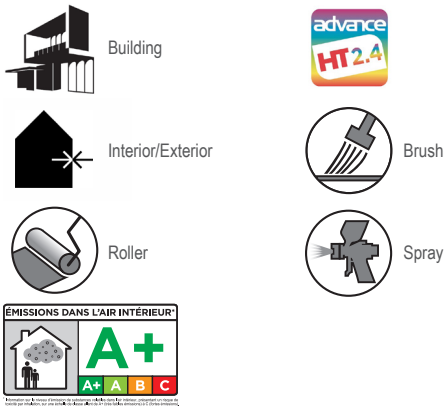
1236 FERTENE G.F.

MICACEOUS FINE-GRAINED ANTI-RUST ENAMEL,
ADHESION TO ZINC PLATED STEEL



Advantages

→ Fine-grained effect
→ High protection and resistance to the outside
→ Adhesion to zinc plated steel

Description and Use

FERTENE G.F. is an enamel based on anti-corrosive pigments and micaceous iron oxides that allows to obtain an excellent protection of the treated structure and gives the item an antiqued matt appearance typical of wrought iron, slightly rough and abrasive.
The binder composition offers high adhesion to iron and zinc plated steel too.
It is recommended for old or new items such as gates, metal frames, railings, etc.
It ensures excellent resistance both to abrasion and damages caused by damp, acid rains, UV rays and to salty environment.
The product can be coloured using ADVANCE HT tinting system.

Substrate preparation

NEW IRON:
- Remove all traces of iron scale, clean and degrease carefully, next apply two coats of FERTENE G.F. waiting 24 hours between them.

OLD OR PAINTED FERROUS METALWORK:
- Take off the flaking parts of the existing paints, remove any trace of rust, clean and degrease the surface.
- In case of particularly damaged or exposed to aggressive environment surfaces, carry out a treatment with KELA RUST code 1412, then apply one coat of antirust OXITE code 1010 or PRIMING COAT code 1243 before the enamel FERTENE G.F.

GALVANIZED STEEL:
- Degrease thoroughly the substrate.

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Application

Application method:
- brush
- roller
- air mix spray gun with nozzle Ø 1.5-1.7 mm and pressure of 3-4 bar.

Product preparation:
Mix to achieve even colour and consistency.
If applied by spray, dilute with DILUENTE SINTETICO at 10%.
If applied by brush or spray, dilute with 1602 ACQUARAGIA at 10%.

Recoating:
After 24 hours.

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 12 months. Check the product's shelf life by referring to the production lot shown on the packaging. The lot number comprises 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	see FERTENE colours card
Binder	modified alkyd
Appearance of the dry film	matt with antique appearance
Specific weight **	1.53 kg/l (± 0.03)
Viscosity **	25-35 seconds ISO-DIN Cup 8
Recommended thicknesses	60-80 µm dry film
Practical cover rate *	5-6 m²/l (2 layers)
Air drying (20°C - 65% RH)	4-5 hours, dry to touch
	24-36 hours, through drying
Indoor Air Quality (EN ISO 16000-9:2006)	Class A+
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

- Product recommended for expert users.
- It is recommended to acquire all the material required to finish the work of the same batch.
- When applied by brush or roller, the micaceous content of the product could generate an irregular final effect, typical of this category of antique finishes.
- 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).

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