

# MARCORES RADIATORI

QUICK-DRYING ANTICORROSIVE SYNTHETIC ENAMEL FOR HEATING ELEMENTS

code 2810019

## DESCRIPTION

A quick-drying synthetic enamel, with a modified alkyd resin base, for painting heating elements in general.

The product features good heat resistance (up to 90 °C), excellent vertical hold, and good filling and hiding power.

Once applied, the product forms a film with a long-lasting non-yellowing effect.

## INSTRUCTIONS FOR USE

The product can be applied on metal heating elements (radiators made of iron, cast iron, aluminium etc..)

## TECHNICAL SPECIFICATIONS

- Nature of the binder: modified alkyd resins
- Solvents: mix of hydrocarbons
- Specific gravity per UNI EN ISO 2811-1:  $1.45 \pm 0.05$  kg/l
- Viscosity per UNI 8902:  $730 \pm 30$  cps (Rotoviscometer at 25 °C)
- Gloss per ISO 2813:  $50 \pm 5$  at 60°
- Drying (at 25 °C and 65% R.H.):
  - dust free in 30 min.;
  - to touch in 2 hours;
  - to recoat after 16 hours

## PREPARING THE SURFACE

Ferrous metalwork never previously painted:

- Remove any compact and adherent calamine and all traces of rust by means of commercial-type sandblasting (Grade SA2), or clean mechanically or manually. In order to remove rust from awkward areas, use the RUGISTOP converter 5900100.

- Dust the surface, make sure it is completely dry and apply 2 coats of FENALKYD rust inhibiting paint 1610107.

- In the case of new surfaces which do not feature calamine or rust, simply remove any grease from the surface using cleaning thinner.

- Apply 2 coats of MARCORES RADIATORI according to the procedures described under "Indications for product application".

Painted ferrous metalwork:

- Remove any layers of old flaking paint and any rust by means of mechanical or manual cleaning, rub down in order to coarsen any old paint which is still perfectly adherent. In order to remove rust from awkward areas, use the RUGISTOP converter 5900100.

- Remove dust from the surface.

- Apply 2 coats of FENALKYD rust inhibiting paint 1610107 on perfectly dry surfaces.

- In the case of considerably deteriorated surfaces, it is advisable to remove any old paint and rust completely by means of grade SA2 1/2 sandblasting, or using the SVERNICIATORE SM10 paint remover cod. 5610014 followed by careful mechanical or manual cleaning.

- Apply 2 coats of MARCORES RADIATORI according to the procedures described under "Indications for product application".

Galvanized aluminium or light alloys:

- Remove all traces of oxide by means of mechanical or manual cleaning.

- Carefully remove any grease using suitable alkaline solutions or thinner.

- Remove all traces of dust and proceed with the application of PRIMER 1630307 on a perfectly dry surface.

- Apply 2 coats of MARCORES RADIATORI according to the procedures described under "Indications for product application".

## APPLICATION INSTRUCTIONS

Air and surface conditions:

Air temperature: Min. +10 °C / max. +35 °C.

Relative humidity of the air: <75%.

Temperature of the surface: Min. +10 °C / Max. +35 °C.

Dry surface.

- Tools: brush, spraying.

- Thinner: Thinner for quick-drying enamels 5070712.

- Thinning: by brush at 0-5%; by spraying at 20-30%.

- Two coats are normally applied. Nonetheless, since the product features high hiding power, a single coat may be sufficient on prepainted surfaces.

- Indicative spreading rate: 5-6 sq m/l based on 2 coats, creating a thickness of 40 microns when dry.

- Tools should be cleaned immediately after use using Thinner for quick-drying enamels 5070712.

## TINTING

The product can be tinted with the colouring pastes of the Marcromie tinting system.

## STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 3 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/i: One-pack performance coatings (solvent-base): 600 g/l (2007) / 500 g/l (2010)

MARCORES RADIATORI contains max: 500 g/l VOC

Highly flammable. / Harmful by inhalation and in contact with skin. / Irritating to skin. / Keep out of the reach of children. / Keep away from sources of ignition - no smoking. / Do not breathe vapour. / Wear suitable protective clothing and gloves. / If swallowed, seek medical advice immediately and show this container or label. / Use only in well-ventilated areas. Contains: Xylene Contains: Fatty acids, cobalt salts 2-butanone-oxime - May cause allergic reactions.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; after use, do not litter, let residues dry out completely and treat them as special waste. Consult the

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safety data sheet for additional information.

## SPECIFICATION ITEM

Applications, on previously prepared surfaces, of MARCORES RADIATORI Quick-drying synthetic enamel for heating elements cod. 2810019 - with modified alkyd resin base - with 2 coats for a minimum consumption of 170 ml/sq m.

Supply and application of the material €. .... per sq m.

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