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# Unimarc Smalto Per Radiatori

Satin-effect enamel for radiators



CODE 3340460

UNIMARC SMALTO PER RADIATORI - V.2024-09-23

## DESCRIPTION

UNIMARC SMALTO PER RADIATORI is a top coat paint based on acrylic resin in aqueous dispersion for creating satin finishes on heating elements; it is odourless so it can be used in interior. The product is formulated in such a way as to be resistant against high temperatures without undergoing heat deterioration, and so as to provide easy hiding power even on corners and edges. The water-based acrylic resins make it highly washable, light fast and provide good adhesion to a wide range of surfaces. Like all the products of the water-based line, UNIMARC SMALTO PER RADIATORI proves easy to apply and quick drying.

## INSTRUCTIONS FOR USE

The product can be applied on metal heating elements:  
Satin finish for radiators and convectors.  
The product can be applied on radiators made from iron, cast iron and non-anodized aluminium.

## TECHNICAL SPECIFICATIONS

- Type of binder: water-based acrylic copolymer.
- Solvent: water
- Specific gravity per UNI EN ISO 2811-1:  $1.23 \pm 0.05$  kg/l.
- Gloss per UNI EN ISO 2813:  $25 \pm 5$  gloss at  $60^\circ$  (Micro Tri-Gloss).
- Viscosity per UNI 8902:  $7500 \pm 500$  cps at  $25^\circ\text{C}$  (Brookfield rotational viscometer).
- Drying ( $25^\circ\text{C}$  and 65% R.H.): to touch in 30 min.; to recoat after 6 hours.

## PREPARING THE SURFACE

- Ferrous metal:
- Employ mechanical or manual cleaning methods to remove any flakes which, as a result of lamination, are not perfectly adherent, along with all traces of rust.
  - Remove any layers of old paint which are not perfectly adherent and sand the whole surface in order to coarsen it.

- Remove any grease from the surface using nitro thinner.
- Eliminate all traces of dust and dirt.
- Apply, on a perfectly dry surface, MARCOTECH AU METAL PRIMER 3320807.
- Apply 1-2 coats of UNIMARC SMALTO PER RADIATORI.

Galvanized surfaces, aluminium and 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 any layers of old paint which are not perfectly adherent and sand the whole surface in order to coarsen it.
- Remove all traces of dust and, on a perfectly dry surface, proceed with the application of MARCOTECH AU METAL PRIMER 3320807 on those areas which featured the rust.
- Apply 2 coats of UNIMARC SMALTO PER RADIATORI.

## APPLICATION INSTRUCTIONS

Air and surface conditions:

Air temperature: Min. +8 °C/max.+35 °C.

Relative humidity of the air: <75%.

Temperature of the surface: Min. +5 °C / Max. +35 °C.

Dry surface.

-Tools: brush, roller, spray gun.

-Diluting: by brush and roller is ready to be used; by spraying at 10-15% with water.

-Normally two coats of the product are applied. However, the product features high hiding power and can even be applied in a single coat.

-Indicative spreading rate: 4-5 sq m/l based on 2 coats, creating a thickness of 40 microns when dry.

-Tools should be cleaned with water immediately after use.

## TINTING

The product is white.

## 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

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

Cat. A/d: Interior/exterior trim and cladding paints for wood, metal or plastic (water-base): 130 g/l (2010)

The product contains max: 130 g/l VOC

Use the product according to current health and safety regulations; after use, do not discard the containers in the environment; allow the residue to dry thoroughly, then treat as special waste. Do not dispose of residues in the sewers, waterways or ground. For more information consult the safety data sheet.

## SPECIFICATION ITEM

Applications, on previously prepared surfaces, of UNIMARC SMALTO PER RADIATORI Water-based top coat paint for radiators cod. 3340460 - with acrylic resin in aqueous dispersion, for the protection of metal radiators and heating elements in general - with at least 2 coats for a minimum consumption of

200 ml/sq m.

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