

UNIMARC SMALTO PER RADIATORI

WATER DILUTABLE SATIN FINISH TOP COAT - RESISTANT TO HIGH TEMPERATURES

code 3340460

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 ± 0.05 kg/l.
- Gloss per UNI EN ISO 2813: 25 ± 5 gloss at 60° (Micro Tri-Gloss).
- Viscosity per UNI 8902: 7500 ± 500 cps at 25°C (Brookfield rotational viscometer).
- Drying (25°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.
- On surfaces particularly exposed to the elements, apply 2 coats of single component PRIMER cod. 1630307 as an undercoat.

- Apply 2 coats of UNIMARC SMALTO PER RADIATORI.

APPLICATION INSTRUCTIONS

Air and surface conditions:

Air temperature: Min. $+8^\circ\text{C}$ /max. $+35^\circ\text{C}$.

Relative humidity of the air: $<75\%$.

Temperature of the surface: Min. $+5^\circ\text{C}$ / Max. $+35^\circ\text{C}$.

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

Colors are obtainable via the Marcromie color matching system and using COLORADO series 548 colorants.

STORAGE

Maximum temperature for storage stability: $+30^\circ\text{C}$

Minimum temperature for storage stability: $+5^\circ\text{C}$

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. D: Interior/exterior trim and cladding paints for wood, metal or plastic (water base): 150 g/l (2007) / 130 g/l (2010)
UNIMARC SMALTO PER RADIATORI Contains max: 130 g/l VOC

The product does not require labelling per the provisions of 67/548/CEE and 1999/45/CE and subsequent changes and amendments. 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. Store out of the reach of children. Use in a well ventilated place. In case of contact with eyes, wash immediately with abundant running water. In case of ingestion, see a physician immediately and show him or her the container or label. 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

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