



# RA 500

## ACRYLIC COATING



### MAIN PROPERTIES

- For outdoor use
- Outstanding weather resistance
- Anti-mould and anti-algae protection
- Compliant with 2004/42/EU regulation

RA 500 is a thick coating containing selected quartz designed to obtain an attractive, compact finish. Ideal for outdoor use, it offers excellent protection from inclement weather and the spread of mould and algae. The product is used as a coating to protect façades, giving them a compact appearance that is very pleasant to the touch. It can be applied to plaster with a limestone-cement base, on reinforced smoothing coats with the use of fibreglass mesh, and on thermal insulation systems in general.

### PREPARING THE SURFACE

The surfaces to be treated must be free from dust, dirt and any traces of oil, grease, wax etc. For surfaces with various types of hard-to-remove stains and dirt, it is advised power washing them with anti-mould solutions such as MUFFA BLOCK, before starting any decoration work.

### EXTERNAL INSULATION

Once the reinforced render is fully mature, apply our QUARZ GRIP primer to a dry, clean surface. Wait 8-12 hours after applying the preparation primer before applying the next coat of RA 500.

### APPLICATION

Apply RA 500 with a metal spatula, taking care to spread it evenly across the surface. Finish with a plastic spatula, with circular movements. The coating should not be applied at temperatures below 5°C or above 30°C. Before applying, make sure the surface is not frozen. Once the product has been spread, protect the painted surfaces both from strong, direct sunlight and wind, and keep rain away from them for at least 24 hours. Product for professional use. Before application, always consult the technical and safety data sheet of the product.

### TECHNICAL CHARACTERISTICS

Type of binder:	Acrylic resin
Colour:	White
Appearance:	Paste
Available granulometries:	1.2 - 1.5 mm
VOC:	< 40 (Directive 2004/42/CE) - (cat. A/a/BA) Max. 40g/l (2010)
Yield:	2 - 2.2 kg/m <sup>2</sup> particle size 1.2 mm 2.5 - 2.8 kg/m <sup>2</sup> particle size 1.5 mm



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### INDICATIONS FOR APPLICATION

Ambient conditions and surface conditions:

Do not apply where there is surface condensation or direct sunlight.

Ambient temperature:

Minimum + 5° C – Maximum +30° C

Surface temperature:

Minimum + 5° C – Maximum +30° C

The product can be applied:

Using a metal/plastic spatula

Ready for use.

Equipment cleaning:

Wash with water immediately after use.

### DRYING OR HARDENING AT 20°C AND WITH 65 % R.U. (relative humidity)

Visible drying time 4-6 h

Recoating:

after 12 - 18 h

Final hardening:

48-72 h

### PACKS

Small 3kg sample buckets.

25 kg buckets.

Colours can be realised with the Tintometrico Colorplus system in the Mister Color chart

### STORAGE

When the product is stored in its original, tightly sealed containers it will remain stable for at least 12 months, provided it is stored at a temperature of between +5°C and +35°C.

Frost sensitive

### BRANDING



MISTER PAINT Srl

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Plaster ready to use for external use

Water vapour permeability:  $V_2$

Water absorption:  $W_3$

Adhesion: 0,5 MPa

Durability: NPD

Thermal conductivity:  $(\lambda_{10, dry})$  0.83 W/m·K  
(tab. Mean value; P=50%)

Reaction to fire: Euroclass F

