

MICRO ART AD 92

POLYURETHANE SURFACE SEALANT

1. DESCRIPTION

MICRO ART AD 92 is a surface sealant and waterproofing agent, based on an aqueous dispersion of monocomponent modified polyurethane.

It is mainly characterised by its excellent penetration ability, by filling pores existing in the coating, good chemical resistance and by highlighting the coating colour as well.

2. FIELD OF USE

MICRO ART AD 92 is used on vertical or horizontal surfaces indoors and outdoors and it is suitable for filling rigid surface pores on finishes, promoting adhesion, finish lacquering and providing increased yield of polyurethane surface protectors such as *MICRO ART AD 50* varnish.

MICRO ART AD 92 is used as surface sealant in the *MICRO ART* system, preparing the *MICRO ART MC 01* or *MICRO ART MC 02* to receive surface protectors such as *MICRO ART AD 50*. It may be used for the same purpose for decorative flooring of the *SCALA* range, as well as, in architectural elements carried out with *BETÃO-S ESTRUTURAL BRANCO* and *BETÃO-S ESTRUTURAL CINZA*.

MICRO ART AD 92 is applicable over cementitious substrates or stone elements both indoors and outdoors.

3. PRODUCT CHARACTERISTICS

GENERAL CHARACTERISTICS	VALUE
Appearance	Colourless liquid, glossy finish
Density	1,03 ± 0,002 kg/m ³
Average theoretical consumption ⁽¹⁾	12 m ² /l/coat
Drying time	3 h ⁽²⁾
Volatile Organic Compounds Directive 2004/42/CE DL No. 181/2006	EU limit value for this product (cat A/g):30 g/l 2010; The product contains at most 15 g/l

⁽¹⁾ These are theoretical values that do not include additional consumptions as a consequence of support porosity, surface profile, variation in levelling, etc.

⁽²⁾ These values require constant air humidity (max. 70%) and temperature (23°C) conditions.

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4. APPLICATION

a) Substrate preparation

Substrates should be dry, free from dust, release agents, loose or instable materials, efflorescence, as well as from any type of material which affects normal adhesion conditions.

b) Application

Prior to application, the product should be stirred until it is completely homogenised.

Apply to the substrate by using a short hair roller or microfiber roller or a conventional wax applicator.

Pour the product on the surface with moderation and spread it in a circular motion, overlapping the areas covered while they are wet. Allow to dry completely for at least 3 h and then apply the chosen surface protector.

After drying, sand the surface to remove any irregularities. In this case it is recommended to use a worn iron sandpaper so as to obtain a smoother texture.

c) Restrictions

The consumption of *MICRO ART AD 92* should be respected as per previous indication, in order to ensure good performance.

MICRO ART AD 92 should not be applied at room and substrate temperatures below 10 °C, above 30 °C and air relative humidity of more than 70%.

If the temperature is below 10 °C and the relative humidity is > 70 %, curing is slower, increasing drying times.

MICRO ART AD 92 should be protected from humidity, condensation and water for at least 7 days (at 20 °C)

In indoor applications, rooms should be ventilated.

In dry weather or with strong exposure to the winds, facades should be protected in order to minimize the direct action of the wind.

Product should not be applied with rain or very high humidity or if rainfall is expected within 24 hours of application. These conditions may impair the normal performance of *MICRO ART AD 92*.

d) Complementary Advices

Do not add any other products to *MICRO ART AD 92*. It should be applied as it is shown in its original packaging.

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5. PACKAGING AND VALIDITY

Packaging

Buckets of 1 and 5 litres.

Validity

12 months provided the conditions of the original packaging remain unaltered and in good storage conditions, protected from extreme temperature and humidity.

6. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- May cause sensitization in contact with skin;
- Avoid contact with skin and eyes;
- Use protective clothing and appropriate gloves;
- If it comes in contact with eyes, rinse immediately and thoroughly with water and seek a specialist advice;
- Keep out of children's reach;
- EU limit value for this product (Cat A/g): 30 g/l (2010). This product contains at most 15 g/l COV, as per directive 2004 /42/EC.

Being the conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.

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