

MICRO ART AD 21

SURFACE REGULATOR AND ADHESION PRIMER

1. DESCRIPTION

MICRO ART AD 21 is a primer based on an acrylic copolymer.

Its main characteristics are the excellent adhesion on mineral substrates, good resistance to alkalinity and excellent agglutination capacity on friable or fairly degraded substrates.

2. FIELD OF USE

MICRO ART AD 21 is used on vertical or horizontal surfaces indoors and outdoors and it is intended to regulate substrate absorption, to promote adhesion over difficult substrates, as well as to promote mortar workability over the substrate.

MICRO ART AD 21 is used as an adhesion primer on difficult substrates in the **MICRO ART** system, such as: old cement substrates, marine plywood, wood and substrates where other coatings have been removed such as paint, varnishes, wood or on powdery substrates or with waste.

3. PRODUCT CHARACTERISTICS

GENERAL CHARACTERISTICS	VALUE
Aspect	Colourless Liquid
Finish	Satin
Density	1,00 ± 0,002 kg/m ³
Average theoretical consumption (1)	15 m ² /kg/coat
Drying time between coats	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 10 g/l

⁽¹⁾ The values are theoretical and do not include additional consumptions as a consequence of porosity of the substrate, surface profile, variation in levelling, etc.

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

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4. APPLICATION

a) Substrate preparation

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

In applications over old substrates or in old render rehabilitation operations, we suggest prior consultation of our Technical Services.

b) Application

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

The **MICRO ART AD 21** adhesion bridge should be applied with an anti-drop roll leaving to dry in a minimum time of 3 hours before application of the mortar.

c) Restrictions

The yield of **MICRO ART AD 21** should be respected as previously stated, so as to guarantee good performance.

MICRO ART AD 21 should not be applied at room and substrate temperatures below 5 °C, above 30 °C and air relative humidity of more than 70%.

In dry weather or in strong winds, exterior surfaces should be protected to minimize the direct action of wind.

Application of the product should not take place in case of rain or high humidity or if rain is expected within 24 hours of application. These conditions may compromise the normal behaviour of **MICRO ART AD 21**.

d) Complementary Advices

Do not add any other products to **MICRO ART AD 21**. It should be applied as it is shown in its original packaging.

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.

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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;
- UE limit value for this product (Cat A/g): 30 g/l (2010). This product contains at most 10 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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