

# K81 AMIANTO

Waterborne paint for asbestos encapsulating

Product awarded suitability for making inert asbestos structures.

(Test report No. 137324-138378-138377)

## DESCRIPTION

Waterborne paint, easy to apply, ideal for professional use as it is extremely compatible and has excellent adhesion properties, filling and opacity level on a wide variety of substrates.

It's a finishing paint containing styrene-acrylic resin water dispersion and light resistant pigments, with a high resistance to UV rays and thermal shocks, ideal for asbestos structures, using the encapsulation technique. In accordance to the Italian Ministerial Decree DM of 20 August 1999, the cycle for exteriors is classified as exterior-faced encapsulating, penetrating and covering. The cycle for interior, on the other hand, is classified as interior-faced encapsulating and covering.

## COMPOSITION

Product made of styrene-acrylic resin water dispersion and selected fillers.

## PROPERTY OF THE PRODUCT

	Class EN 1062	Method	Value
Gloss level	Matt	UNI EN ISO 2813	Gloss < 10
Dirt retention	Very low	UNI 10792	$\Delta L \leq 3$
Opacity level (contrast ratio)	2 (10m <sup>2</sup> /l)	UNI EN ISO 6504-3	$\geq 98$ e $< 99.5$ %
Wet scrub resistance	1	UNI EN ISO 11998	$L_{df} < 5$
Solid by weight		interior PF25	68-72 %

## SPECIFICATION DATA

Coverage	Interior PF11	> 98%
Density	Interior PF3	1560-1660 g/l
Drying time	Interior PF2	recoatable 4-6h; fully dry 10 days

## SHELF LIFE

1 year minimum, stored in its unopened original con at temperatures between +5°C and +30°C.

## COLOUR RANGE

White.

## APPLICATION

It is ideal for encapsulation and protection of asbestos structures against atmospheric agents, both new and undergoing maintenance. Surfaces must be clean from flaky parts, contaminating agents and chemical or biological attacks. On exterior surfaces subject to biological pollutants, such as mould, seaweed and moss, add 350 ml of B25 for each 14 litres paint.

## TOOLS

Brush, roller, airless spray.

## THINNING

Roller, brush: 15-25% by volume with water.  
Airless spray: 0-10% by volume with water.

## COVERAGE

Type A: thickness 300 dry  $\mu\text{m}$ , 1.8-2.2 m<sup>2</sup>/l  
Type B: thickness 250 dry  $\mu\text{m}$ , 2.2-2.4 m<sup>2</sup>/l  
Type C: thickness 200 dry  $\mu\text{m}$ , 2.8-3.2 m<sup>2</sup>/l

## APPLICATION AND DRYING TEMPERATURE

+5°C +30°C

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## PAINTING SYSTEM

### Cycle for type A (for fair-faced exteriors)

On a suitable surface, proceed as follows.

- A. Treat the surface with B1.
- B. After 4-6 hours, apply a coat of *Acrilifix Special*.
- C. After 5-8 hours, apply *K81 Amianto* supplemented with 350 ml of B25 every 14 litres of paint in several coats until a min. thickness of 300  $\mu\text{m}$  (500  $\text{ml}/\text{m}^2$ ) is reached, 4-6 hours apart. The last coat must be different in colour.

### Cycle for type B (for fair-faced interiors)

On a suitable surface, proceed as follows.

1. Apply *Murisol* or *Murisol W*.
2. After 5-8 hours, apply *K81 Amianto* in several coats, 4-6 hours apart, until a min. thickness of 250  $\mu\text{m}$  (420  $\text{ml}/\text{m}^2$ ) is reached. The last coat must be different in colour.

### For surfaces contaminated with mould

- A. Treat the surface with B1.
- B. After 4-6 hours, proceed as per point 1.

### Cycle for type C (non faced surfaces, in case of confinement)

1. Apply a coat of *Murisol* or *Murisol W* on the dry substrate.
2. After 5-8 hours, apply *K81 Amianto* in several coats, 4-6 hours apart, until a min. thickness of 200  $\mu\text{m}$  (330  $\text{ml}/\text{m}^2$ ) is reached.

### Maintenance

Check that the coating is in good condition. If it is broken, restore the coating to a homogeneous surface and to its initial thickness.

As the product is highly resistant to washing and has a low chalking level after aging, maintenance must be scheduled after 8-10 years and in any case as soon as underlying colour becomes visible.

## SPECIFICATION ITEM

Waterborne acrylic paint, resistant to atmospheric agents, ideal for encapsulation of asbestos structures, at the following yield:

Type A: 300  $\mu\text{m}$  (500  $\text{ml}/\text{m}^2$ )

Type B: 250  $\mu\text{m}$  (420  $\text{ml}/\text{m}^2$ )

Type C: 200  $\mu\text{m}$  (330  $\text{ml}/\text{m}^2$ )

## INSTRUCTIONS

To carry out the work in a workmanlike fashion, it is of fundamental importance to follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books, in the application cycle and in the product data sheet. This technical information is intended as a rough guide. Adapt the instructions to the specific conditions of use. The specification data and technical information have been calculated at +23°C with relative ambient humidity of 65%. In different conditions the data and the time intervals between operations may change.

Our recommendations on the use of the product are based on accurate observations and research carried out by us. The experience gained in practice was also taken into consideration. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and its effectiveness by testing on the specific case.