

RUBBER STOP AMIANTO

0625.

Encapsulant for asbestos cement

11/07/19 rev.05

Description and uses

RUBBER STOP AMIANTO is an interting coating product formulated with elastomer resins in aqueous dispersion whose main characteristic is high flexibility; it allows good water vapour diffusion and offers excellent resistance to the weather and thermal shock.

RUBBER STOP AMIANTO is suitable for use as an encapsulant for asbestos cement surfaces; it is suitable as a type A, B, C coating (see Italian Ministerial Decree of 20 August 1999, O.J. of 22/10/1999), as certified by the ISTITUTO GIORDANO SPA Polytechnic Research Centre (body recognised and authorised by the Italian Interior Ministry).

The certified compositions and thicknesses are as follows:

Type A coating - exposed for exteriors (Test Certificate no. 143022 of 11/27/2000): used for the encapsulation of asbestos cement objects exposed to the weather. Two layers of RUBBER STOP AMIANTO with contrasting colours: total dry thickness 305 ÷ 310 μm .

Type B coating - exposed for interiors (Test Certificate no. 143023 of 11/27/2000): used for the encapsulation of asbestos cement objects located indoors and "intact but susceptible to damage" or "already damaged". Two layers of RUBBER STOP AMIANTO with contrasting colours: total dry thickness 250 ÷ 255 μm .

Type C coating - not exposed (Test Certificate no. 143024 of 11/27/2000): used when confinement has been chosen as the reclamation method, i.e. covering the building with asbestos-free material. The encapsulating coating prevents the release of fibres within the confinement. A layer of RUBBER STOP AMIANTO: total dry thickness of 200 ÷ 205 μm .

Type D coating - auxiliary (Declaration of conformity of 02/19/2014 - GFC CHIMICA): used to protect the object, with the sole purpose of avoiding the dispersion of fibres during removal or disposal of materials containing asbestos. Layer with a colour in contrast to that of the substrate.

It is recommended to apply a coat of POLY VA code 0003 tinted with 1 ÷ 2% of water-based red oxide colourant paste code 0920 and diluted 1:3 with water (see the datasheet of POLY VA code 0003).

Technical characteristics

Colour	: white and grey
Type of binder	: acrylic elastomer emulsion
Appearance of the dry film:	: satin
Specific weight	: 1.38 kg/l (± 0.03)
Viscosity	: 20000 ÷ 30000 mPa.s Brookfield
Water permeability	: class III (low), $W < 0.1 \text{ kg}(m^2 \cdot h^{0.5})$ EN 1062-3
Water vapour permeability	: class II (medium), from 0.14 to 1.4 $\text{Sd}(m)$ EN ISO 7783-2
Practical cover rate *	: around 3.6 m^2/l for a dry thickness of 200 μm .
Consumption	: 0.380 $\text{kg}/\text{m}^2 = 0.280 \text{ l}/\text{m}^2$ for a dry thickness of 200 μm .
Storage stability	: 24 months in original sealed container.

*The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.

NB: The data are measured at a temperature of 20°C.

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The product complies with Directive **2004/42/EC**; Category **A/i**, WB: VOC max 140 g/l (2010); VOC product < 140 g/l

Application procedure

- Substrate preparation : Treat with a layer of CLIM-O-PAINT PRO code 1004, ready-to-use solvent-based insulating primer; after 2 ÷ 3 hours apply a layer of RUBBER STOP AMIANTO diluted with a maximum of 5% water.
After drying, apply the second layer of RUBBER STOP AMIANTO, diluted in the same ratio.
- Product preparation : Mix until obtaining a uniform colour and consistency.
- Application method : - brush - roller- spray - airless sprayer
- Recommended thicknesses : as an encapsulant:
Type A coating: around 300 μm dry, equal to around 440 μm of RUBBER STOP AMIANTO diluted with 5% water.
Type B coating: around 250 μm dry, equal to around 370 μm of RUBBER STOP AMIANTO diluted with 5% water.
Type C coating: around 200 μm dry, equal to around 300 μm of RUBBER STOP AMIANTO diluted with 5% water.
- Consumption : **Type A coating:** approx. 0.420 l/m²
Type B coating: approx. 0.350 l/m²
Type C coating: approx. 0.280 l/m²
- Yield : **Type A coating:** approx. 2.4 m²/l
Type B coating: approx. 2.8 m²/l
Type C coating: approx. 3.6 m²/l
- Air drying (20°C - 65% RH) : Dust free : 30 minutes
Touch dry : 2 hours
Through drying : 8 hours
- Recoating : wait 8 ÷ 10 hours between applications.

NOTE:

Do not scrape or brush asbestos cement substrates, to avoid the dispersion of asbestos fibres in the environment.

Do not apply in foggy or rainy weather, or with a RH greater than 75%.

The substrate and ambient temperature must be between + 5 and 35°C.

Outdoor applications must be protected from rain for at least 48 hours, and in any case until completely dried.

PROTECT FROM FROST. Store the packaged product at a temperature between +5°C and 35°C.

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The information in this datasheet is provided based on our best experience and technical knowledge; nonetheless, this does not exempt users from the need to carry out preventive checks and tests to determine the product's suitability. For further technical information or for specific cycles and/or applications, contact our TECHNICAL SERVICE.