



CEAM
SYSTEM

VELACEAM

INERTING PRIMER FOR RECLAMATION
AND DISPOSAL OF ASBESTOS CEMENT PRODUCT

Technical data sheet

Description

Inerting primer for the recovery of asbestos cement.
Penetrating primer based on water-dispersed polymers suitable for products subjected to disposal or removal or as a preparation layer for the recovery of asbestos cement, fixing asbestos particles, ensuring adhesion to ELASTOCEAM finishing layers.

Fields of application

It is part of CEAM SYSTEM requirements for recovery and reclamation of asbestos cement products according to the law n° 257 of 27 march 1992. System certification from ISTITUTO GIORDANO (Test report n°141050-141051-141052).

Laying instructions

VELACEAM and ELASTOCEAM membranes can be applied by brush, roller or airless sprayer. Mix well before use. Surface treatment phases and laying operations should comply with the regulations in force.

TYPE "A" EXTERNALLY EXPOSED ENCAPSULATING COATING (Cert. n° 141050)

Process consisting in treating the extrados and intrados of externally exposed asbestos cement sheets.

- 1) **PENETRATING LAYER:** VELACEAM primer applicable by brush, roller or low pressure sprayer with a consumption rate of approximately 250 g/m².
- 2) **COVERING LAYER:** ELASTOCEAM elastomeric liquid membrane applicable by brush, roller or pressure sprayer with a consumption rate of approximately 450 g/m².
- 3) **COVERING LAYER:** ELASTOCEAM elastomeric liquid membrane applicable by brush, roller or pressure sprayer with a consumption rate of approximately 450 g/m² of product of a different colour than that of the previous coat. Before applying the next coat, wait until the previous one has dried (12-24 h). Product average total consumption 1,150 Kg/m².

TYPE "B" INTERNALLY EXPOSED ENCAPSULATING COATING (Cert. n° 141051)

Process consisting in treating internally located asbestos cement sheets damaged or susceptible to damage.

- 1) **PENETRATING LAYER:** VELACEAM primer applicable by brush, roller or low pressure sprayer with a consumption rate of approximately 250 g/m².
- 2) **COVERING LAYER:** 10 percent diluted ELASTOCEAM elastomeric liquid membrane applicable by brush, roller or pressure sprayer with a consumption rate of approximately 400 g/m².
- 3) **COVERING LAYER:** ELASTOCEAM elastomeric liquid membrane applicable by brush, roller or pressure sprayer with a consumption rate of approximately 450 g/m² of product of a different colour than that of the previous coat. Before applying the next coat, wait until the previous one has dried (12-24 h). Product average total consumption 1,100 Kg/m².

TYPE "C" UNEXPOSED CONFINEMENT ENCAPSULATING COATING (Cert. n° 141052)

Process consisting in treating externally exposed or internally located asbestos cement sheets before confinement. Use of covering products with "overcoating layers".

- 1) **PENETRATING LAYER:** VELACEAM primer applicable by brush, roller or low pressure sprayer with a consumption rate of approximately 250 g/m².
- 2) **COVERING LAYER:** 10 percent diluted ELASTOCEAM elastomeric liquid membrane applicable by brush, roller or pressure sprayer with a consumption rate of approximately 400 g/m².
- 3) **COVERING LAYER:** ELASTOCEAM elastomeric liquid membrane applicable by brush, roller or pressure sprayer with a consumption rate of approximately 450 g/m² of product of a different colour than that of the previous coat. Before applying the next coat, wait until the previous one has dried (12-24 h). Product average total consumption 1,100 Kg/m².

TYPE "D" AUXILIARY INERTING COATING (Cert. n° 144436)

Process consisting in treating asbestos cement products subjected to removal or disposal.

- 1) **PENETRATING LAYER:** VELACEAM primer applicable by brush, roller or low pressure sprayer with a consumption rate of approximately 250 g/m².

Performance

✓ Certified quality systems





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Warning

Do not apply in case of imminent risk of rain, in the presence of fog or at a temperature below + 5°C or higher than + 35°C. Excellent laying conditions must be ensured at least 24 hours after application.

Chemico-physical properties

<i>Parameter</i>	<i>Value</i>	<i>Measurement Unit</i>	<i>Tolerance</i>	<i>Test method</i>
STANDARD COLOURS	light blue	-	-	-
STATE	liquid	-	-	-
DRY RESIDUE	15	%	± 5	UNI EN ISO 3251
SPECIFIC WEIGHT	1,05	Kg/l	± 0,05	UNI EN ISO 2811-1
pH (25°C)	7,5	-	± 0,5	-
DUST-FREE DRYING TIME AT 20° C, R.H. 50%	2	h	-	-
SHELF LIFE	12 months	-	-	-

Packaging and storage

Products packed in 5, 18 and 1000 kg buckets to be stored in the original packaging, in sheltered areas, at a temperature comprised between + 5°C and + 35°C. IT FEARS THE FROST. It must be used within one year of the purchase date.

The above-mentioned values can be subject to update or change. IIVELA S.r.l. reserves the right to modify them at any time without prior notice. For a correct use of our products, see technical specifications. For further information or any special use, please contact our technical department. Any suggestions or technical information provided represent our best knowledge regarding product characteristics and use. Considering different applications and any possible interference of elements beyond our control, the buyer must declare under his own responsibility that the product is suitable for the intended use.