



Code 0.085.0000

isolex w

Nanotechnological acrylic consolidating insulator in class A+

GENERAL PROPERTIES

ISOLEX W is an impregnating primer for interior/exterior surfaces which, thanks to the nanometric dimensions of its particles, facilitates deeper penetration in walls. This outstanding process inhibits the chalking & decay of unsound plasters favouring the adherence of the finishing products on the consolidated substrate.

ISOLEX W reduces & uniformes the absorption of the mural surface resulting in improved aesthetics.

These remarkable properties make ISOLEX W an excellent alternative to the best solvent based insulators. Applicable on any kind of mural surface, it is therefore an excellent primer when finishing with latex paints or thick coatings.

The Class A+ classification guarantees the highest standards to reduce the content of volatile substances considered harmful for health/environment.

CLASS OF EMISSION	C	B	A	A+
Formaldehyde	> 120 $\mu\text{g} \cdot \text{m}^3$	< 120 $\mu\text{g} \cdot \text{m}^3$	< 60 $\mu\text{g} \cdot \text{m}^3$	< 10 $\mu\text{g} \cdot \text{m}^3$
Acetaldehyde	> 400	< 400	< 300	< 200
Toluene	> 600	< 600	< 450	< 300
Tetrachlorethylene	> 500	< 500	< 350	< 250
Xylene	> 400	< 400	< 300	< 200
1,2,4-Triethylbenzene	> 2000	< 2000	< 1500	< 1000
1,4-Dichlorobenzene	> 120	< 120	< 90	< 60
Ethylbenzene	> 1500	< 1500	< 1000	< 750
2-Butoxyethanol	> 2000	< 2000	< 1500	< 1000
Styrene	> 500	< 500	< 350	< 250
Total VOC	> 2000	< 2000	< 1500	< 1000

ISOLEX W complies with the limits set forth in the French Decree N° 321/2011 dated 23.03.2011 & Order of 19.04.2011 (Class A+) based on emission after 28 days.

INSTRUCTIONS**Substrate preparation:**

- **Bare exterior walls:** ensure the substrate has weathered for at least 28 days. Clean thoroughly & remove any unsound parts. Ensure the wall is perfectly dry and apply a layer of suitably thinned ISOLEX W. Allow 4 hrs, level major imperfections (holes, cracks or fissures) with ARDPLAN AS/BS & apply the finishing products.
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- **Painted exterior walls:** remove any unsound paintwork and efflorescence. Treat mould with ARDSAN RISANANTE MURALE. Clean thoroughly, removing dust & grime. Ensure the surface is perfectly dry and fix with a coat of suitably diluted ISOLEX W. Allow 4 hrs & apply the finishing products.
- **Bare interior walls:** use a soft brush to remove fine dust & unsound plaster. Level any imperfections with LITOSTUCCO 1.050.1010, filling as many times as necessary. Allow 6 hrs, sand, clean & seal the whole surface with a coat of ISOLEX W. Allow 4 hrs & apply the finishing products.
- **Interior walls:** (with washable emulsion paint or sound distemper paintwork) clean thoroughly, stucco any imperfections, sand and dust. Seal the stuccoed areas with a coat of ISOLEX W. Allow 4 hrs and apply the finishing products.

Application:

- Thin 1 part of ISOLEX W with 1 part of water; stir well & apply an even layer with a brush. *Slightly* increase thinning when treating surfaces with poor absorption.
- Do not apply when ambient or substrate temperature is below +5°C or above + 35°C. Avoid applying in direct sunlight.
- Wash equipment immediately after use with water.
- Store in cool, frost free premises.
- ISOLEX W is free of organic solvents & “Low VOC”. Use in compliance with the current Health & Safety Regulations. Dispose of spent material/containers according to the same.

Refer to the PSDS for further information

NATURE OF BINDER	Acrylic copolymers
SPECIFIC WEIGHT	1030 ± 10 g/l
DYNAMIC VISCOSITY	20-30 cP

YIELD

A correct application on walls with medium porosity implies a coverage of approx. 15 -18 m²/l.

Said yield refers to smooth substrates with medium absorption; we recommend testing on specific substrates.

TENDER SPECIFICATION ITEM

SOLVENT FREE ACRYLIC CONSOLIDATING INSULATOR

Application on mural surfaces of solvent free insulator based on nanometric acrylic copolymers (suitably thinned with water) like ISOLEX W with a minimum consumption of 0.055 l/m²

€/m²

The data herein were correct at the time of Quality Control & refer to standardized environmental conditions. The same are to be considered as a guide.
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