



# ard f.lli raccanello s.p.a.

## industria vernici e smalti

TDS N° 96

Code 0.085.0000

### isolex w

Nanotechnological solvent free acrylic consolidating insulator

#### 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. It is therefore an excellent primer when finishing with latex paints or thick coatings.

#### 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 or ARDPLAN BS & apply the finishing products.
- **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

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

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### YIELD

A correct application on walls with medium porosity implies a coverage of approx. 15 -18 m<sup>2</sup>/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/m<sup>2</sup>

€/m<sup>2</sup>

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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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