

DESCRIPTION

- ADEX ISODEX polyisocyanurate boards are made of polyisocyanurate foam insulation sandwiched between alkali treated glass fibre membranes on both sides.

USE

- ADEX ISODEX polyisocyanurate boards are used as a thermal insulation for exterior walls and as a support for acrylic stucco coatings in the **ADEX-VLS** system.

DIMENSIONS

- 1,220 mm x 2,438 mm (48" by 96").
- Board thickness: 16mm (5/8").

Thermal resistance (min.)

ASTM C-518

@ 16mm (5/8") = RSI 0.66 (R3.75)

Water vapour permeance (max.)

ASTM E96 (Desiccant method):

@ 1" inch = 68 ng/Pa·s·m² (1.2 perm)

Flame Spread

ASTM E84

< 75

Smoke Development

ASTM E84

< 450

Flexural strength (min.)

ASTM C-203

170 kPa (25 psi), Type I

Dimensional strength (max.)

ASTM D-2126:

< 2% Linear Change

Water absorption (max.)

ASTM C-209

< 1% by Volume

- Properties
- Test Method
- Result

STORAGE

- Store in original packaging.
- Do not allow the boards to be exposed to the sun for extended periods of time.

ADVANTAGES

- ADEX ISODEX insulation is lightweight, easy to handle and easy to install.
- ADEX ISODEX insulation is mould resistant and has no nutritional value for parasites, micro-organisms and animals.
- ADEX ISODEX insulation does not contain any chlorofluorocarbons (CFC's, HCFC's)
- ADEX ISODEX insulation provides a high, constant R-value.

LIMITATIONS

- Polyisocyanurate is combustible when directly exposed to intense heat or sources of combustion.
- ADEX ISODEX insulation boards must be mechanically fastened. Please refer to the **ADEX-VLS** system for installation details.
- Do not use below grade.
- Do not expose to weather more than 14 days.
- Prior to coating, ADEX ISODEX insulation boards must be completely dry to ensure proper adhesion of the ADEX BASE Coat.

Note: ADEX ISODEX polyisocyanurate insulation must be purchased from ADEX Systems or its authorised distributors in order to be covered by warranty.

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