

E Phen



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E Phen Brochure

Rating: Not Rated Yet

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Description

DESCRIPTION

E-PHEN is a closed-cell phenolic insulating foam that sets industry standards. While it more than matches all the accepted criteria of conventional insulants, E-PHEN phenolic foam is CFC free and is also noted for its excellent fire resistant properties.

FEATURES & BENEFITS

- Lifelong energy savings
- Lightweight & easy to handle
- CFC free
- Emits low levels of smoke under pyrolysis (no HCl or NO₂ & HCN gases are released)
- Closed cell structures limits water absorption
- Long product life

DURABILITY

- Odourless, inert and fully compatible with all standard building materials & components
- Will not sustain vermin
- Will not breed or promote fungi, mould or bacteria
- Non-hygroscopic
- Rot proof

THERMAL PROPERTIES

Thermal conductivity at 10°C = 0.018 W/mK for 35 kg/m³ density

ACOUSTIC PERFORMANCE

Not suitable in acoustical applications. Isover offers a range of alternative acoustical insulation products if required.

APPLICATION

Can be used in almost any industry where fire safe insulation is fundamental:

- Mining
- Air conditioning
- Construction e.g. hospitals, hotels and airports

- Refrigeration

ACOUSTIC PERFORMANCE

Not suitable in acoustical applications. Isover offers a range of alternative acoustical insulation products if required.

FIRE PROPERTIES

Class 1 fire index rating - tested to SANS 10177 Part 3

TOOLS NEEDED FOR INSTALLATION

- Industry specific
- Adhesive tape, profiling tools for minor modifications
- Profiles are generally cut to order, requiring simple fixing in place Profiles fully enclosed in vapour barrier are vacuum sealed and must not be cut.

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BENEFITS

The excellent k-value allows the use of thinner insulation sections, saving space and reducing the cost of outer cladding and vapour barrier.

TOOLS NEEDED FOR INSTALLATION

E-PHEN should always be stored under cover from the elements, transported in bundles, or carried individually on edge. As per all items in storage, fire safety regulations should always be considered. All health & safety regulations should be adhered to and complied with.

Available in Flat Sheet, Pipe sections, or arc shaped segment, for Vessels and large Cylindrical Tanks, and cut to any thickness required.

Products can be faced with Mylar/foil, Foil/Kraft or PVC vapour protection or the Pre Cladded(Clip on System) solution , E- CLAD , cladded with VentureClad 1555CW,1577CW or 1579CW.

Reviews

There are yet no reviews for this product.