



ENIFIX 550[®]

(Premium Quality Insulation Adhesive)

Description

ENIFIX 550 is a premium quality, one component contact adhesive based on polychloroprene rubber. ENIFIX 550 is specially formulated for stress bonding of nitrile rubber & XLPE insulation material. ENIFIX 550 is made from a combination of special resins & additives that produce low odor and provide excellent tack properties along with a very strong bond.

ENIFIX 550 has the following features:

- Excellent adhesion and high bonding strength
- Excellent bonding to porous and non-porous surfaces
- Free of asbestos, lead mercury compound
- Suitable for material under tension
- Usable both indoors and outdoors
- Excellent heat resistance
- Chemical resistant
- Excellent tack
- Low odor

Recommended Applications

ENIFIX 550 is used for air duct insulation, pipe applications, under deck (metal, concrete) and over deck insulation installation.

ENIFIX 550 is an ideal product for bonding

- NBR Insulation to GI
- XLPE Insulation to GI
- NBR Insulation to MS Pipe
- XLPE Insulation to MS Pipe
- NBR Insulation in Underdeck
- XLPE Insulation in Underdeck
- Nitrile & EPDM Rubber Insulation
- Closed Cell & PE Cross Link Foam Insulation System

Specific Technical Data

Properties	Result
Colour	Dark Brown
Physical form	Liquid
Specific Gravity	0.85±0.05 kg/ltr
Solids Content	25±2 %
Viscosity	1500-2000 cps
Flash Point	< 21°C
Open Time	Approximately 10-25 Minutes
Temperature Resistance	Minus 40°C to +90°C
Coverage Range	4– 5 m ² /ltr. (subject to surface condition)
Application	Brush, Roller

Surface Preparation

The surface should be structurally sound, clean, dry, levelled, and free from dust, curing compounds, grease and other loose debris. Keep container closed when not in use.

Application Procedure

Apply ENIFIX 550 evenly with a brush or roller. Allow the surface to become tacky & dry. After the evaporation of the solvent in adhesive, assemble the surface by applying normal hand pressure. Special care must be taken on the edges and adhesive must be evenly applied. If the material is porous, apply a second coat of ENIFIX 550 and let it dry.

Note

The adhesive and the parts to be bonded must be at room temperature for optimum results (do not use below 10°C). The relative humidity must be below 65% to avoid formation of bubbles in the final product. The final bonding strength will depend on the pressure applied. Therefore, press across the entire surface as firmly as possible.

Packaging

5 & 30 Ltr Metal Pail.

Shelf Life

12 months from date of manufacturing in original unopened containers.

Storage

Store product (10°C - 30°C) for maximum storage life. Higher temperatures reduce normal storage life. Lower temperatures may cause increased viscosity of a temporary nature. Rotate stock on a "first in-first out" basis.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Cleaning

Clean tools immediately after use with thinner. Immediately remove any adhesive from the surface of the floor covering with a damp cloth soaked in thinner.

Health & Safety

As with all chemicals, caution should always be exercised.

Consult Material Safety Data Sheet and container label for further information

For professional use only. Keep out of reach of children.

Due to continuous product improvements, the data mentioned in the TDS is subject to change without prior intimation. All recommendations and suggestions are therefore made without guarantee. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility.