

## Non-Flammable Synthetic Elastomer Duct Adhesive

### Description

XCHEM **ENIFIX 85-20** is a water based, non-flammable and fire-resistant rapid setting synthetic resin adhesive. **ENIFIX 85-20** has special additives, tackifiers and resin, which make it non-flammable, eliminate fire hazards during application and provide excellent bonding properties.

- Excellent Bonding and Peel Off Strength
- Excellent Open Time and Wet Tack
- High Compatibility with Insulation Fiber & Fabric
- Environmentally Friendly
- Chemical Resistant
- Non-Flammable
- Fire Resistant
- High Strength
- Quick Setting
- Heat Resistant
- Non-Toxic

### Recommended Applications

**ENIFIX 85-20** is recommended for bonding of fire rated duct fabric, low density duct liner, duct wrap, & fibrous glass or mineral wool insulation to painted or unpainted steel, galvanized or aluminum surface. **ENIFIX 85-20** is also recommended to bond nitrile rubber, EPS & XLPE insulation in HVAC ducting and piping applications.

### Conforms To

- Military Spec. MIL-A-3316C, Class 2, Grade A
- NFPA 90A and 90B 25/50
- ASTM C916 Type I
- Free of asbestos, lead and mercury compounds

## SPECIFICATION DATA

### Colour:

Cream

### Physical form:

Thixotropic Paste

### Specific Gravity (ASTM D 1475-98):

1.30±0.07 kg/ltr

### Solids Content (ASTM D 1644):

62±5 %

### Viscosity (ASTM D 2196):

25000-34000 cPs

### Flash Point (ASTM D 93):

No Flash to >100°C

### Drying Time (ASTM D 1640):

4 to 10 Minutes

### Service Temperature:

Minus 30°C to 90°C

### Coverage Range (subject to surface condition):

3.0 - 3.8 m<sup>2</sup>/kg

### Application:

Brush

**Surface Preparation:**

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

**Application Procedure:**

For insulation bonding, apply **ENIFIX 85-20** uniformly on the duct & piping surface at 3.0 - 3.8 m<sup>2</sup>/kg. Allow the adhesive to tack fully for an open time of 4-10 minutes. Position the two mating surface together and apply pressure to assure intimate bond.

**Packaging:**

22 Kg Pail

**Storage:**

12 months from date of manufacturing in original unopened containers.

Store product (10°C - 35°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 water or white spirit if the material has dried.

Immediately remove any adhesive from the surface of the floor covering with a damp cloth.

**Health & Safety:**

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.