



LOID BOND- 83

DESCRIPTION

A superior adhesive for cementing thermal insulation to all structural surfaces as well as to each other. It is a quick setting, with good specific adhesion to iron, steel, aluminum, magnesium alloys and all types of thermal insulation. Loid Bond-83 may also act a fire resistive and corrosion resistive protective coating over all metal surfaces. Loid Bond 83 withstands surface temperature up to 140° centigrade.

Excellent resistance to water and high humidity makes Loid bond-83 a good sealing compound for joints and seams of pipe insulation. Normal combustion type of insulation can be made more fire resistive by proper application of Loid Bond-83.

This is the preferred adhesive for rigid polyurethane insulation to prevent joints opening at low temperature and causing failure of vapour barrier finish. Loid Bond – 83 does not contain asbestos, lead and mercury.

TECHNICAL DATA

Colour:

Off-White

Viscosity:

Soft paste

Specific gravity:

1.4 to 1.5

Average non- volatile:

72% by weight

Coverage:

0.7 sq. meter per kg 1 mm wet film thickness.

Drying time:

Bonding time: 2 to 10 min max.
Set through: 48 to 72 hours max.

Service temperature limit:

(-)59°C to 150°C

Application:

Notched trowel

Solvent clean up:

Xylene (flammable), chlorinated solvents (non-flammable)

Flammability

Wet: flash point 43°C

Dry: fire resistive - self extinguishing (application of flame for 15 minutes)

APPLICATION

Apply with a notched trowel to clean metal surface, rather than to insulation material. galvanised metal must be primed with suitable etching primer. For use on calcium silicate, 85 % magnesia, mineral wool, fibrous glass, cellular glass, cork polyurethane foam and expanded ebonite, but not for use with polystyrene foam. Apply to metal surface and then press the insulation on the surface.

INSTRUCTIONS

We do not recommend using at temperature above 38 degree centigrade. Contains flammable volatile solvents. Avoid prolonged breathing of vapor. Use with adequate ventilation. Stir well before use. Do not thin. Refer to us for application procedure above temperature limit given. Covering capacity depends on the nature of insulate being used. When stored in a cool dry place usable life is one year.

NOTE:

The properties and parameter closely resembles to foster 81-33