



LOID SEAL – 97

DESCRIPTION

LOID SEAL 97 is a flexible vapour barrier sealer designed for dual temperature service with cellular glass, cellular plastic, PIR and phenolic foam board insulations. It remains soft and flexible and prevents damage to the insulations materials due to thermal cycling.

Loid seal 97 is primary use with low temperature insulation to prevent the migration of water vapour. It is also used as a bedding compound for cellular glass insulation.

Loid seal 97 does not contain asbestos, lead and mercury compounds.

TECHNICAL DATA

GENERAL PROPERTIES

Colour:
Grey

Viscosity:
Soft Paste

Specific Gravity:
1.50 to 1.55

Average non-volatile:
Approx 90% by weight
(83% by volume)

Service temperature limits at coated surface:
-150° C to 105° C

Water Vapour Transmission:
The water vapor transmission through 1 in. of impermeable insulation in 12x 18 in. block with 1/8 in. joints of Loid Seal – 97 is too small to measure. ASTM E-96.

APPLICATION

Equipment:
Caulking Gun or Trowel.

Coverage:
0.20 m²/kg at 3mm wet film thinness.

Drying time:
2-3 hours for skin formation and it is basically non-drying.

Clean up Solvent:
White spirit.

HANDLING & STORAGE

Flammability
Wet: Flash point 65°C (ASTM D3278)
Dry: Combustible, slowly burns

Flame spread is negligible when used as a sealant in 3 mm wide joints of incombustible insulation.

IMPORTANT

Permit one week to cure before placing in heated service. Apply on clean dry surfaces only. Do not thin. When used as a flashing compound LOID SEAL 97 is effective as long as it is not troweled out to a feather edge.

Apply between 15°C to 40°C

Store between 10°C to 40°C.

When stored in a cool dry place usable life is one year

NOTE: The properties and parameter closely resembles to Foster 95-50.