



LOID SEAL - 96

DESCRIPTION

Loid seal 96 is a two part cryogenic sealant/coating for application to cellular glass, PU foam and fibrous glass insulation in conjunction with steel, aluminum and masonry construction materials. It can function as vapour barrier adhesive in very low temperature applications.

Loid seal 96 has an excellent resistance to some chemicals, water vapour and gasses. It is applied for bonding lap joints of wood, metals and for lagging glass cloths to different surfaces.

Loid Seal 96 does not contain lead, asbestos & mercury compound.

TECHNICAL DATA

GENERAL PROPERTIES

Colour:

Black/ Grey

Specific Gravity:

1.15 to 1.2 kg/l(mixed)

Average non-volatile:

Approx 75% by weight (Mixed)

Service temperature limits at coated surface:

-180°C to 80°C

Water Vapour Transmission:

0.01 perms maximum at 0.5 to 0.6 mm dry film thickness (ASTM E 96)

Bonding Time:

40 to 80 min.

RESISTANCE TO

Weathering: Excellent

Mineral oil: Resist splashes

Solvents: Resist splashes

Saline solutions: Excellent

Inorganic acids/bases: Excellent

APPLICATION

Mixing Ratio:

1:1 by volume

Equipment:

Brush, roller

Coverage:

Depends on a surface

1.42 kg/m² at 0.8 mm dry film thickness.

Drying time:

Pot life @25°C – 40 Min. Tack Free Setting time @35°C, hr. – 30 hrs.

Full cure:

2 weeks max.

Application temperature:

10°C to 40°C

HANDLING & STORAGE

Flammability

Flash point 38°C.

Wet: Flammable

Dry: Combustible

The material should store in a well ventilated place within temperature 40°C.

SHELF LIFE:

12 months from the date of manufacture if in original unopened sealed condition.

IMPORTANT:

Protect from naked flame during application.

Adequate ventilation should be ensured.

Do not thin.

NOTE: The properties and parameter closely resembles to foster 90-66