
LEAD SHEET SEALANT

Revision 06/03/2007

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TECHNICAL DATA:

Base: Polysiloxane
Consistency: Stable pasta
Curing system: Moisture cure
Skin formation (20°C/65%/ R.H.): Ca. 5 minutes
Curing rate (20°C/65%/ R.H.): 2 mm/24h
Hardness (DIN 53505): 25 ± 5 Shore A
Specific gravity (DIN 53479): 1,25 g/mL
Temperature resistance: -60°C to +180°C
Elastic recovery (ISO 7389): > 80 %
Maximum allowed distortion: 25 %
Elasticity modulus 100% (DIN 53504): 0,38 N/mm²
Maximum tension (DIN 53504): 1,60 N/mm²
Elongation at break (DIN 53504): 800 %

PRODUCT:

Lead Sheet Sealant is a high-quality neutral, elastic one-component joint sealant based on silicones.

CHARACTERISTICS:

Very easy application
Permanent colour, UV-resistant
Stays elastic after curing
Very good adhesion on many materials
Low Modulus

APPLICATIONS:

Sealings between lead, treated wood, metal, PVC profiles and glass
Building- and construction joints
Topsealing at glazing jobs
Joints with high movement between different building materials

PACKAGING:

Colour: grey
Packaging: cartridge 310 ml

SHELFLIFE:

At least 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

SURFACES:

Type: Many building surfaces.
State of Surface: clean, dry, free of dust and grease.
Preparation: apply primer for applications on porous surfaces –
no primer required for non-porous surfaces
We always recommend a preliminary compatibility test prior to the actual application.

JOINT DIMENSIONS:

Minimum width 5 mm
Maximum width: 30 mm
Minimum depth: 5 mm
Recommendation: 2 x depth = width of joint

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

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APPLICATION:*Method:* Manual- or pneumatic caulking gun*Application temperature:* +5°C until +35°C*Cleaning:* Uncured Lead Sheet Sealant may be removed from tools with Sealant Cleaner. Cured adhesive must be removed mechanically.*Tooling:* with soapy solution before skin formation*Repair with:* Lead Sheet Sealant**HEALTH- AND SAFETY RECOMMENDATIONS:**

Apply the usual industrial hygiene.

Consult the label for more information.

REMARKS:

Do not use on natural stones like marble, granite,... (staining effect). Use Building Stone Silicone for these applications.

Not recommended for use on PC and PMMA because it can cause crazing (stress cracking) in these materials. Use an alkoxy type instead on these materials.

TECHNICAL NORMS/ CONFORMS WITH:

Belgium: ATG 1808 (NIT 107)

Rapport IANESCO 3812-label alimentaire for applications in food surroundings

France: "Mastic Elastomère 1ère cat. sans primaire sur verre, alu et béton (label SNJF)

Germany: DIN 18540 Teil 2 – DIN 18545 Teil 2 Dichtstoffgruppe E

United Kingdom: BS 5889 Type A

USA: TTS 001543a Class A

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