

# Technical Data Sheet

## Leadax Sealant

The one and only original adhesive with extremely high initial tack

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### Product Description

Leadax Sealant is a high quality professional adhesive with an extremely high initial tack based on hybrid technology. It cures under influence of humidity to form a durable elastic rubber.

### Benefits

- Extremely high initial tack
- No mechanical support required during curing
- High mechanical resistance, end strength and E-modulus
- Free of isocyanates, solvents and silicones
- Permanently elastic
- No shrinkage and bubble free
- Non corrosive towards metals
- Neutral curing, almost odourless
- Resistant to moisture and weather
- Adheres perfectly without primer on most, even damp, surfaces

### Applications

Leadax Sealant was specifically developed as a universal adhesive for bonding many building materials such as: stone, concrete, mirrors, glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, lead, zinc, tin, aluminium, metals, alloys, stainless steel, HPL and cement fibre panels (1), wood and paintsystems. Remark (1) For bonding HPL and cement fibre panels see Technical Bulletins in the Knowledge Base on our website [www.denbraven.com](http://www.denbraven.com).

### Directions Of Use

Apply adhesive with the provided V-nozzle in a 'ventilating way' in vertical stripes with 10 - 20cm distance between stripes. Bring the materials into position and press firmly so that the adhesive is a minimum of 2 - 3mm thick between material and surface. Do not apply the adhesive in dots! Because of the high initial strength, support during curing is usually not necessary. For further questions please contact our technical department.

### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for continuous exposure to water
- Not suitable for movement joints
- Not suitable in combination with chlorides (pools)

### Surface Preparations and Finishing

Application temperature + 5°C to + 40°C (applies to environment and substrates). Due to the structure of the Leadax Sealant we recommend using a caulking gun with the correct transmission in combination with the V-nozzle. All substrates must be solid, clean and free from grease and dust. Leadax Sealant adheres perfectly without the use of primer to most non porous substrates. If necessary pre-treat porous substrates with a suitable primer. Always test adhesion prior to application.

### Colour

- Black

### Packaging

- Cartridge

### Shelf Life

Store between + 5°C and + 25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

### Certificaten

- M1
- A+ (Eurofins ISO 16000)
- Eimcode EC1 Plus

### Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via the Leadax websites.

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### Aanvullende informatie

100% Modulus	DIN 53504 S2	1,39 N/mm <sup>2</sup>
Application temperature		+ 5° C to + 40° C
Base		Hybrid
Density	ISO 1183-1	1,57 g/ml
Application rate	@ Ø2,5 mm/6,3 bar	20 g/min
Skin formation	DBTM 10.00	15 minutes @ + 23°C/50% RH
Elongation at break	DIN 53504 S2	335%
Shorea hardness	DIN 53505	55 Shore A
Temperature resistance		- 40° C to + 90° C
Tensile strength	DIN 53504 S2	2,20 N/mm <sup>2</sup>
Curing time	@ + 23°C/50% RH	Approximately 2 - 3 mm/24 hours
Frost resistance during transportation		Up to - 15°C
Flow	ISO 7390	< 2 mm

These values are typical properties and may vary +/-3%

### Warranty & Guarantee

Leadax warrants that its product complies, within its shelf life, to its specification.

### Contact

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