



Den Braven Sealants

Data sheet

ZWALUW POLYFLEX-LM

Product

One component moisture curing, low-modulus sealant

Properties

- Excellent adhesion to most building substrates
- Paintable (prior compatibility test necessary)
- Good resistance to water and UV-rays
- Permanent elasticity under all climate conditions

Standard colours available

White - Beige - Dark Beige - Concrete Grey - Mid Grey - Brown - Black

Packaging

310 ml cartridges / 600 ml foil bags / 200 litres drums

Where to use

- Interior and exterior dilatation joints in concrete
- Expansion & sealing joints in almost all building substrates
- Joints between wooden, metal, aluminium or PVC frames and masonry

Technical data

Type	Polyurethane based compound
Consistency	Non-Sag paste
Density	≈ 1,17 to 1.19 g/ml depending of the colour
E-modulus at 100 %	≈ 0,20 MPa
Shore-A hardness	≈ 20°
Temperature resistance	-30 > + 80°C
Application temperature range	+5 > +30°C
Slump	None
Elongation at break	> 600 %
Tack-free time	≈ 15 min. (23°C & 50 % R.H.)
Curing speed	≈ 3 mm/day (23°C & 50 % R.H.)

How to use

Surface preparation

Joint walls must be sound, clean, dry and free from oil and grease. Curing compound residues and any other foreign matter must be thoroughly removed. Install bond breaker to prevent bond at base of joint. Priming is not usually necessary. Most substrates only require priming if testing indicates a need or where sealant will be subjected to water immersion after cure. Consult our technical service for additional information.

Application

Apply with hand or pneumatic guns (maximum required pressure : 3,5 kg). When applying avoid air entrapment. Smooth with joint nail or putty knife. Finish with *ZWALUW LAST 1* finisher.

Cleaning

Material : immediately with white spirit. Hardened sealant can only be removed mechanically or with *ZWALUW SEALANTS REMOVER*.
Hands : soap and water

Safety

« Safety data sheet according to 91/155/CEE » on request

The information, and, in particular, the recommendations relating to the application and end-use of this product, are given in good faith based on our current knowledge and experience of the product when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, no any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. Edition : 01/09/03



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Shelf life

- 12 months, in original closed cartridge, at temperatures +5 to +25°C
- 6 months, in original closed drums, at temperatures +5 to +25°C

Limitations

- Avoid exposure to high levels of chlorine.
- Avoid contact with alcohol and other solvent cleaners during cure.
- Do not use in joints deeper than 15 mm.
- Do not cure in the presence of curing silicone sealants.
- Do not apply when a moisture vapour transmission condition exists at time of application, as this can cause bubbling within the sealant.
- Slight yellowing may occur with white sealant exposed to ultraviolet rays.

Test standard

- ISO 11600 F-25 LM
- SNJF 1^{ère} CATEGORIE
- TT-S-00230C, TYPE II, CLASS A
- ASTM C920, TYPE S, GRADE NS, CLASS 25
- DIN 18540
- UBATC ATG2373

Limited warranty

Den Braven France warrants that its products will conform to Den Braven France specifications at the time of application or use. The products must be stored in accordance with Den Braven France recommendations, and used or applied before the earliest of expiration date of such other period or recommended storage time stated in the Den Braven France products literature. If notified, in writing, of a claim within three months of the product's use or application, Den Braven France will, at its option, replace or refund the purchase price of any Den Braven France products which does not satisfy the foregoing warranty.

THE FOREGOING SHALL CONSTITUTE THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS OR FAILURE OF THE PRODUCTS, AND THE SOLE AND EXCLUSIVE LIABILITY OF Den Braven France, THE WARRANTIES STATED ABOVE ARE IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.

Limitation of liability

Den Braven France shall, in no event, whether the claim is based on warranty, contract, tort, strict liability, negligence or otherwise, be liable for incidental or consequential damages, or for any damages in excess of the amount of the purchase price.

Note

On many products, Den Braven France could accept to extend its warranty for some specific application. For further information, contact us.

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Den Braven France Z.I. du MEUX B.P. 20114 F-60881 LE MEUX cedex
Tel : +33 344 91 68 68 - Fax : +33 344 91 68 92 - E-mail : commercial@denbraven.fr