

Acrylic Mastic Sealant

UZIN D 60

Multipurpose-acrylic for connection- and movement-joints

Description:

Ready to use, flexible mastic acrylic sealant that can be over-painted – for sealing connection- and movement-joints that are subject to slight expansion and contraction in interior and exterior locations.

Suitable amongst others:

- ▶ on connection joints on ceilings, building structures, window frames and sills and door frames
- ▶ on walls, floors and ceilings
- ▶ for sealing floorboards prior to applying smoothing compounds
- ▶ for sealing cracks and joints in brickwork, renders and concrete, plaster structures and construction boards

Product Properties/Benefits:

Ready to use sealant that dries by evaporation.



Composition: Polyacrylate.

- ▶ Ready to use
- ▶ Self adhesion
- ▶ Dries stress-free
- ▶ Resistant to ageing and weathering
- ▶ Can be over-plastered or over-painted

Technical Data:

Packaging:	cartridge
Packsize:	15 x 310 ml cartridges per carton
Shelf life:	min. 36 months
Colour:	white
Working temperature:	5 °C to 40 °C / 41 °F to 104 °F
Skin formation:	after 10 – 20 minutes*
Curing:	approx. 1 mm / day approx. 3 mm / week approx. 10 mm / 2 weeks
Shore-A final cure:	approx. 10 – 20 in acc. with DIN 53 505
Permissible total deformation:	15 %
Recovery potential:	50 – 70 %
Modulus / tensile stress 100 %:	0.2 – 0.36 N / mm ²
Temperature resistance:	– 20 °C to 80 °C / –4 °F to 104 °F
Resistance to weathering:	resistant to driving rain after 2 hours

*At 20 °C / 68 °F and 65% relative humidity.

Surface Preparation:

Joint edges and surfaces to be sealed must be sound and clean. Remove all traces of dirt, separating agents, paints and coatings. The surface may be damp but not wet.

On porous and absorbent surfaces, a primer made of UZIN D 60 diluted with water (4 parts water : 1 part UZIN D 60) should be applied to the surfaces to be sealed.

Application:

1. Cut off the tip of the cartridge above the threaded section and screw on the nozzle.
2. Cut the end off nozzle at an angle and to suit the joint width and fit the cartridge into a standard cartridge-gun.
3. Maintaining good pressure, inject a continuous bead of sealant mastic, free from bubbles, ensuring good contact with joint edges.
4. Onto the filled joint and adjacent surfaces, spray UZIN Smoothing Agent or apply with a soft brush.
5. Immediately wipe off the joint surface using a shaped spatula in a consistent and continuous operation – if necessary, smooth with a wet finger.
6. Clean tools and contaminated surfaces with water and a cloth whilst the material is still fresh – remove dried material using mechanical means.

Consumption:

Joint section	Approx. Consumption*	Coverage per 310 ml cartridge
5 x 5 mm	30 ml/lin. m	10.3 lin. m
10 x 10 mm	110 ml/lin. m	2.8 lin. m
15 x 15 mm	250 ml/lin. m	1.3 lin. m

*Calculation of approx. consumption:

Joint width x joint depth (in mm) + 10% = ml per lin.m of joint

Important Notes:

- ▶ Shelf life minimum 36 months in original packaging when stored in dry conditions. Tightly seal opened containers and use the contents as quickly as possible.
- ▶ Materials and surfaces containing bitumen can lead to plasticiser migration and discoloration of the joint and adjacent, structural surfaces as well as peeling / detachment. On unknown surfaces, conduct a test in an inconspicuous location.
- ▶ On connection- or movement- joints that are subject to heavy expansion or contraction, and in areas heavily exposed to dampness, use UZIN products in accordance with the current Product Guide.
- ▶ Pre-fill deep joints with closed-pore PE cord. Avoid restricting joint movement as a result of bonding all three joint surfaces (bonding the base of the joint).
- ▶ To ensure clean surfaces, apply adhesive tape either side of the joint and remove immediately after smoothing.
- ▶ Use of smoothing aids other than UZIN Smoothing Agent can result in discoloration and, therefore, a test should be conducted.
- ▶ Protect the joints from contamination until fully dried.

Protection of the Workplace and the Environment:

Solvent-free. Non flammable. Requires no special protection or precautions in general use. Avoid prolonged contact with skin or contact with eyes.

Disposal:

Dispose of empty packaging according to local regulations or recycle. Collect waste material, allow to dry out and harden and then dispose as Construction Waste.