

KEIM Fugendichtmasse (Joint sealant)



1. Product description

To fill connection joints and cracks, on an aqueous acrylic basis, one-component.

2. Field of application

- For interior and exterior use.
- For walls and soffits.
- Sealing of connection joints between absorbent building components and built-in parts.
- Sealing of joints and connections in concrete, aerated autoclaved concrete, plaster/render, masonry, fibre-cement boards, plasterboards, etc.
- Sealing between wooden window frames and masonry, render/plaster, concrete, wooden door frames and render, shutter boxes and walls, wooden ceilings or panellings and walls, stairs and walls.

3. Product properties

- Self-adhesive, unprimed adhesion to various substrates.
- Weather-, aging- and temperature-resistant, universal, to use on walls and soffits.
- Repainting with KEIM Soldalit, KEIM Granital, KEIM Quarzil, KEIM Ecosil-ME, KEIM Biosil, KEIM Concretal-W, KEIM Concretal-C, KEIM Porosil-Farbe.
- Plasto-elastic, dependable elongation up to 10% of joint width.
- Ready for use, easy application without mixing.

Colour shade

White

4. Application instructions

Substrate preparation

The bonding areas must be clean and sound. Remove dust, oil, grease, residues of paint, loose parts etc. completely. The substrate may be damp but not wet. Substrates which are very absorbent or insufficiently sound must be primed with a solidification agent. An alternative is also KEIM Fugendichtmasse diluted with water.

Application

The hand-operated caulking gun SH 02 "Stabil" is suitable to apply KEIM Fugendichtmasse. To achieve a smooth, neat joint seal it is recommended to put

self-adhesive tape on the joint edge before filling it with sealant. The tape must be pulled off immediately after smoothing the sealant. Prefill deep joints with non-rotting DIN Polyband (closed cell polyethylene backer rod). Never use backer rods containing bitumen or tar. Do not damage backer rod during the application. Avoid sealant to adhere to the bottom of the joint space (three-sided adhesion), maybe lay a polyethylene foil into.

Cut off the lid of the threaded nipple of the cartridge, screw on nozzle and cut at an angle corresponding to the joint width.

Gun KEIM Fugendichtmasse into the joint forcing it against the sides of the joint. In case of angular connections apply the sealant as triangular joint.

If necessary smooth the sealant with water (e.g. with a moistened brush) right upon the application. If rendering or painting is desired the sealant should be sprinkled with sand directly after sealing.

Consumption

Joint 10 x 10 mm = 100 ml/m joint

to be calculated acc. to the formula:

Joint width (mm) x joint depth (mm) = ml/m joint. The consumption reduces to half the amount with triangular joints.

Yield: For a joint (10 x 10 mm): the 310 ml cartridge is sufficient for approx. 3.1 m

Technical/application data

Working temperature:

+5°C up to +25°C

(substrate temperature)

Curing time:

1 to 3 weeks (depending on substrate, cross section, weather)

Time to form a skin:

Approx. 20 minutes at 20°C

Dependable elongation:

10% of joint width

Tensile strength:

approx. 0.15 N/mm²

Temperature resistance:

-20°C up to +80°C

(For a short time even above or below the values given).



Adhesion without primer:

To clinker, fibre-cement boards, aerated autoclaved concrete*, formica, translucent ink for wood, concrete, render*, gypsum render*, masonry, wood, particle boards, plasterboards, absorbent ceramic, aluminium (also anodised), plastics such as Hostalit Z, acrylic glass, galvanized iron, V2A-steel, copper, lead, brass.

*) Primed with KEIM Fugendichtmasse diluted with water

5. Packaging

310 ml plastic cartridge with screw-on nozzle.

6. Storage

Approx. 12 months shelf life when stored in dry conditions, protected from frost. Already opened cartridges can be stored for several days when the nozzle opening is closed with some of the hardened sealant. Before using again remove hardened sealant from nozzle opening.

7. Hazardous substances ordinance class

n/a

8. Transport hazard class

n/a

9. Disposal

EC Waste Code No. 08 04 10
Any residues must be emptied out of containers before recycling.

10. Safety instructions

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Keep out of reach of children.

Product Code: D1

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