



# Knauf Fugemas- se nr. 1

## Water based acrylic sealant

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08/2019

### Product data

#### Properties

Base material	1-component, plastoelastic and water based acrylic sealant
Solvent	Water
Contents	Bags of 0.6 litres
Packing	20 bags per carton
Degree of hardness (DIN 53505)	Shore A @ / +23°C : 40
Movement	Absorption $\pm 7.5\%$ movement (ISO 11600 – F – 7,5 alu)
100% module	0,7N/mm <sup>2</sup>
Breaking Extension	200%
Film formation	Film formation after approx. 5 mins. @ / +23°C / 55%RF
Cure rate	Will cure approx. 1.5 mm per day @ 23°C / 55%RF
Solid matter	85%
Density	1.72 kg / l
Exudation/leakage	None with normal usage
Curing	Totally cured after approx. 8 days. Curing depends upon the humidity, temperature and thickness of the layer
Resistance	UV light, weak chemical effects. Will not tolerate the permanent effects of water, chlorine and bitumen
Unopened storage life	approx. 24 months
Temperature resistance	-20°C to +75°C
Workable temperature	+5°C to +40°C. Humidity level should be less than 80% RF

### Product description

Knauf Fugemas- se nr. 1 is a single component water-based thixotropic acrylic sealant, which hardens/cures to a flexible joint, capable of withstanding moderate movement.

### Areas where the Fugemas- se nr. 1 (Sealant No 1) can be used:

Knauf Fugemas- se nr. 1 can be used indoors to seal doors, windows, as a filler in panel joints, to seal wall partitions and to seal around piping.

Knauf Fugemas- se nr. 1 can also be used on gypsum clips, cement, tiles, wood and steel.

Knauf Fugemas- se nr. 1 is suitable as an "acoustic sealant".

Knauf Fugemas- se nr. 1 is **not** suitable as a sealant in areas, which are constantly exposed to water, or against bitumen held surfaces.

### Sealant joint sizes

Joint width min. 4 mm, max. 25 mm. Joint depth normally half the joint width, however min. 4 mm and max. 14 mm.