



Highly elastic sealant

- Creates expansion joints in tiled areas
- For wetrooms and sanitary installations
- For indoor and outdoor use
- Fungus and mould resistant
- Does not discolour natural stone
- Suitable for facades
- Joint width from 5 to 15 mm

Product

High-elastic, one-component sealant on the basis of silicone rubber.
Cures neutrally when exposed to air humidity.
Neutral acid-free curing system

Colours

Available in colours to match cement-based Alfix CeraFill range: Brilliant white, grey, pale grey, steel grey, graphite, anthracite, black grey, light beige and jura beige. Colour swatches available on request.

Coverage

Joint dimension B x D	Linear metres per cartridge
6 x 3 mm	approx. 16.0
8 x 4 mm	approx. 9.0
10 x 5 mm	approx. 5.5
10 x 10 mm	approx. 2.7
15 x 7 mm	approx. 2.5

Packaging

Available in 300 ml cartridges.

Surface preparation

Applications

General information: Bonding surfaces must be dry and clean. Vacuum and degrease the area with acetone or methylated spirits.

Bare metal and plastic should be sanded (keyed).

For tiled surfaces, joints must be free of sealant and caulk through to the underlying surface. Bonding surfaces must be the full thickness of the tile.

Backstop deeper joints with plastic foam (semicircular strips) or similar to the lower edge of the tile so that the depth at the middle of the joint is approximately half the width of the joint.

The edges must be exposed.

Application

Use masking tape to protect tiles.

Fill joints completely using appropriate gun. Finish off within 15 minutes by smoothing using a damp tool, such as smoothing kit or joint nail. Remove any masking tape immediately after smoothing.

Expected result

Surface

The joint should be smooth with an even surface, free from holes or lines. Avoid inappropriate working or late smoothing, as this may leave noticeable lines or holes.

Design

The joints should be filled to a depth suitable for the tiles and their intended use. Shape the joint so it is not any deeper than the tiles to prevent water from accumulating on the surface. Shape joints along vertical boundaries with a run-off away from the vertical surface.

Strength

After curing, the joint should be solid with secure adhesion to the tile edges.

The joint cures on contact with ambient humidity; applying a little water when smoothing will accelerate membrane formation.

Excessive water will disrupt curing. Moist surfaces will prevent adhesion.

For maximum elasticity, join two edges only. That is why a backstop or tape should be used at the base.

To check tile edge adhesion, carefully probe the middle of the joint with a blunt, approximately 50 mm long instrument.

Colour

All joints will change colour over an extended period – no joint will be the same colour after years of use as it was at first.

Colour fading or discoloration of silicone joints triggered by chemical interactions with cleaning agents or their vapours, off-gassing from paint or wood furniture or similar are not covered by the warranty.

Precautions

	Alfix A/S H.C. Ørstedes Vej 11-13 DK-6000 Kolding alfix.com 16	DoP No. 41	EN 15651-3 Alfix M-Silicon Sealant for joints in sanitary areas
Reaction to Fire (EN 13501)	NPD	Release of chemicals dangerous to the environment and health	See product safety sheet on www.alfix.com
Conditioning: Method A (ISO 8340). Substrate: Glass without primer, aluminium without primer.			
Water tightness and air tightness			
Resistance to flow (ISO 7390)	≤ 2 mm	Evaluation of the action of microorganisms (ISO 846)	0
Loss of volume (ISO 10563)	$\leq 10\%$	Durability (EN 15651)	Pass
Tensile properties at maintained extension after immersion in water (ISO 10590)	No failure		

Cleaning

Uncured sealant: Acetone

Cured sealant: mechanical

Tests

EN 15651

Alfix M-Silicon conforms to the rules of FDA CFR Section 21 177.2600 as well as EC No 1935/2004 concerning materials and items that may come into indirect contact with food.

Technical enquiries

Product health and safety data /COSH

For further information, please consult our Technical Services Dept.

For latest update of this product info, visit www.alfix.com.

Technical data

Working temperature	+5 °C - +40°C
Density	1.33 kg/litre
Formation of skin	10 - 30 minutes
Cure time	Approx. 1 mm/24 hours at min. 30% RH.
Temperature resistance	-40°C - +150°C
Shore-A-hardness	approx. 24 shore A
Maximum movement	+/- 25% of original joint width
Shrinkage	approx. 7%
Shelf life	Min. 15 months in unopened cartridges. Store cool.