



Highly elastic sealant for movement joints in ceramic tilings, and for use on exterior facades.

- For wet rooms and sanitary installations
- Prevents mould and mildew growth
- Easy to apply

Product

High-elastic one-component sealant on the basis of silicone rubber. Cures neutrally when exposed to air humidity.

Colours

Available in colours to match cement-based Alfix Cerafill range: Grey.

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 |
| 15 x 7 mm | approx. 2.5 |

Packaging

Available in 300 ml cartridges.

Properties

Alfix S-Silicon retains elasticity and produces a long life weather- and waterproof joint resistant to mildew.

Applications

Particularly suitable for expansion joints in ceramic surfaces, sealing around pipe passages, and sanitary installations.

Excellent adhesion without priming to glass, ceramic tiles, enamel, metals, painted surfaces, and varnished wood.

S-Silicon is not suitable for natural stone and for bonding construction materials, such as mirrors. For these purposes, use Alfix M-Silicon.

Surface preparation

Surfaces should be clean and dry and free from dust, grease and oil.

For degreasing use acetone or ethanol.

Shining metals or plastics should be sanded.

For sealing tiled surfaces, joints should be clean down to original substrate.

Deep joints should be filled with a backing material, such as polyethylene foam, to support sealant and prevent adhering to bottom of the joint.

Application


Use masking tape to protect tiles.

If priming is necessary apply a thin coat with brush and leave to dry before proceeding with silicone sealant. Do not prime backing material.

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.

Precautions

| | | | |
|---|---|--|---|
|  | Alfix A/S H.C. Ørsteds Vej 11-13 DK-6000 Kolding alfix.com 14 | Ydeevnedeklaration nr. 25 | EN 15651-3 Alfix S-Silicon Sealant for joints in sanitary areas |
| Reaction to Fire (EN 13501) | Class E | Release of chemicals dangerous to the envi- ronment 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) | 1 |
| Loss of volume | ≥ 1,0 N/mm ² | Vedhæftningsstyrke efter frost-tø lagring | ≥ 1,0 N/mm ² |
| (ISO 10563) | ≤ 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

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

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|------------------------|--|
| Working temperature | -20 °C - +40°C |
| Density | 1.03 kg/litre |
| Formation of skin | approx. 15 minutes |
| Curing speed | approx. 1 mm/day |
| Temperature resistance | -40 °C - +150°C |
| Shore-A-hardness | approx. 18 shore A |
| Maximum movement | +/- 25% of original joint width |
| Shrinkage | approx. 7% |
| Shelf life | Min. 15 months in unopened cartridges. Store cool. |