EpoxyFuge 1025



2-component flexible, epoxy-based pool grout

- **Ideal for grouting above and below water in swimming pools**
- **For primer-free use on dry and wet concrete structures, as well as on brick, tile, metals, etc.**
- **UV-resistant**
- **Service life > 20 years**
- **Joint widths from 6 mm to 12 mm**
- **Can withstand high mechanical load**
- **For interior and exterior use**
- **Suitable for the food and chemical industries**
- **Non-subsiding**
- **Does not discolour building materials such as concrete, brick or natural stone**

Product
Two-component modified epoxy, solvent-free.
Hardens chemically to produce a tough but elastic joint.

Colour
Steel grey

Coverage

Joint dimension, W x D (mm)	Linear metres per set 1,54 kg
6x6	Approx. 33,3
8x8	Approx. 18,8
10x10	Approx. 12,0
12x10	Approx. 10,0

Packaging
Alfix EpoxyFuge 1025 is supplied in kit of 1,54 kg.
1 kit consists of a large tub of binder (component A) and a smaller tub of hardener (component B). For application with a grouting gun, 1 kit is equivalent to three 0.4-litre grout cartridges.
Caulking guns, empty grout cartridges and nozzles available to order.

Surfaces
Substrates/adhesion surfaces must be completely clean and free from loose particles, grease and oils, dirt and any residual grout, etc.
Regulate the joint depth with a PVC foam backing rod or similar for standard joints, and with a butyl- or neoprene-based backing rod for joints that have to accommodate higher pressure loads.
The joint width must be between 6 and 12 mm, and the joint depth must be 6–10 mm. Generally speaking, the joint depth should not be less than 6 mm.
For joint depths up to 10 mm, the ratio between depth and width should be 1:1.

Instructions for use
Mix EpoxyFuge 1025 in full kits. Do not attempt to mix partial volumes. There is sufficient space in the binder tub to mix in the hardener.

1. Add the hardener (component B) to the binder (component A).
2. Mix for 5–7 minutes using a spiral mixer attachment on a power drill running at low speed. While mixing, use a suitable tool to scrape any unmixed grout from the sides of the tub. It is important to make sure that all hardener (component B) and binder (component A) are mixed together into a homogeneous paste.
3. Place the metal plate with the filling hole in the middle (supplied) on top of the mixed grout.
4. Then fill the empty grouting cartridges by placing the opening on top of the round hole in the metal plate and pressing down evenly until the cartridge is full.
5. At +20°C, the grout is then usable/workable for around 45 minutes.
6. Apply the grout with firm, even pressure from the grouting gun.
7. To obtain a smooth, even surface on the finished joint, complete the finishing work within max. 1 hour from applying the grout, using a wooden smoothing tool moistened with water mixed with a little washing-up liquid.
8. Hardening time at +20°C: 48 hours.
9. Residual grout on adjacent building parts can be removed during the first hours after grouting. Use a cloth moistened with methylated spirits.
   Hardened grout can only be removed by scraping.

NB!
Working with epoxy products requires special training according to the regulations of the Danish Working Environment Authority: WEA Guideline C.0.7.
High temperatures will reduce the hardening time, while low temperatures will extend it.
The hardening process will cease at temperatures lower than +15°C, but will recommence once the temperature rises. It is a good idea to warm the product to room temperature before use.
Alfix EpoxyFuge 1025 cannot be used for grouting pools made of fibre-reinforced plastic (FRP).

Cleaning
Use warm water mixed with ordinary washing-up liquid to clean grout residue from tools, etc. immediately after use.
Hardened grout can only be removed by scraping.
Once used, the product is classified as hazardous waste.
Please make use of the municipal collection and disposal schemes.

Technical enquiries
The Alfix guidelines “Pools – Tiling in swimming pool installations”;
Safety data sheet

Product information and material safety data sheets are published on the Alfix website

If you have any doubts or would like additional information concerning chemical resistance, contact the Alfix Service technical department.

For the most recently updated version of this product information, see www.alfix.com

Technical data

Working temperature	+10°C - +40°C
Temperature resistance	-20°C - +90°C
Working time	Approx. 45 minutes at + 20°C
Density	1,28 kg/litre
Hardness	Approx. 65 shore D
Movement, expression	5%
Movement, compression	50%
Full strength	After 48 hours at + 20°C
UV resistance	Excellent
Shelf life	Min. 6 months in dry conditions at between min. +10ºC and max. +25ºC in unopened packaging