

## Silex®962

Repair and smoothing mortar for uneven surfaces

**Mortar tempered with polymers, fibres and microsilica. Smoothing of uneven, cracked concrete surfaces, applied in thin layers.**

### Advantages

- **Weak ductile**
- **Easy application**
- **Excellent adhesion**
- **No shrinking, hardens tension-free!**

### Surface

Underground must be stable and free of separating substances. Loose parts and cement skin must be removed by brushing or grinding or any other suitable method until mass concrete appears.

Shortly before applying the reprofiling mortar, moisten the prepared surface with clean water. The concrete should be well damp but not glossy wet.

### Application

25 kg Silex®962, mix with 6,25 - 6,75 liter water with a slowly rotating stirrer, depending on the desired / required consistency. Mixing time 3 to 5 minutes. After a short period of maturation, stir again thoroughly without adding water.

Silex®962 could be applied by hand with trowel or sprayed as any other mortar.

The processing time of the mixture is, depending on the temperature, about 40 - 60 minutes.

**Important:** High temperatures, wind or direct sunlight dry the fresh mortar too quickly and could damage the coating. Protect the fresh mortar for 2 - 3 days e.g with plastic or humid fabric

## Properties

Aspect	Grey powder
Composition	Special cement, silicat fine fillers, polymers, microfibres
Bulk Density	Approx. 1,5 g/ml (dry mortar)
Density	Approx. 2,1 g/ml (Fresh mortar)
Compressive strength	> 45 N/mm <sup>2</sup> *
Flexural strength	> 9 N/mm <sup>2</sup> *
Adherence to substrate	> 1,5 N/mm <sup>2</sup> *
E-Modulus	> 25 - 30000 N/mm <sup>2</sup>
Consumption	Approx. 2,1 kg/m <sup>2</sup> per mm Thickness
Water demand	25 - 27 %
Packaging	Bags PE, 25 kg content
Shelf life	12 month, original closed and packed

\*These data are average values determined in the laboratory.

## Storage Safety

Silex®962 contains cement, reacts alkaline and irritates skin. Do not breath in dust and avoid eye contact. In case of exe contact rinse immediately and consult a doctor. Wear always protective gloves and goggles.

Store Silex®962 in a dry place. There are no special risks but store away from unauthorised personal and children.

The safety datasheet contains all relevant information about safe handling and processing.

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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## ARCAN Waterproof

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