

Technical Data Sheet

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Properties: AKEMI® Superfast Volume Filler is a 2-component stone filler based on unsaturated polyester resins dissolved in styrene.

The product is characterized by the following qualities:

- very good filling properties without sagging even in bigger holes
- very good working properties due to smooth, stable consistency
- very fast hardening also in thin layers (approx. 10 minutes), by means of heat hardening time can be reduced to 5 minutes
- fast surface drying
- easily polishable
- very good adhesion on dry natural stone

Application Area: AKEMI® Superfast Volume Filler is mainly used for working natural stone slabs in polishing line plants for filling holes and bigger fissures. Due to a special, very well balanced thixotropic effect also bigger holes can be filled completely without sagging already after the first working process. The product hardens very well in thin layers and at low temperatures due to its high reactivity. A good surface drying is reached already after a short period of time, thus polishing segments do not smear or clog.

Instructions for Use:

1. The surface to be treated must be clean, dry and free from dust.
2. Add 1 to 4 g of white hardener paste to 100 g of filler (4 to 5 cm of paste pressed out of the screw tube correspond to 1 g).
3. Mix both components thoroughly. The mixture can be worked for approx. 1 to 3 minutes (20°C).
4. After 10 minutes (20°C) the treated slabs can be ground and polished.
5. The hardening process is accelerated by heat and delayed by cold.
6. Tools can be cleaned with AKEMI® Nitro-Thinner.

Special Notes:

- For professional use only.
- Use afin® Liquid Glove to protect your hands.
- Hardener portions higher than 4% reduce quality of adhesion.
- Hardener portions less than 1% and low temperatures (below 5°C) considerably delay hardening.
- Poor adhesion on humid surfaces. Moderate adhesion on fresh, alkaline building materials (e.g. concrete, concrete bricks).
- Once hardened, the filler can no longer be removed by solvents. Removal is only possible mechanically or by higher temperatures (> 200°C).
- Being worked properly, the hardened filler is generally recognized as not injurious to health.
- The hardened filler tends to yellow.
- Within the EU: subject to the self-service prohibition regulation and shall only be sold by specialized sales outlets.
- For proper waste disposal the container must be completely emptied.
- Recycling in accordance with the guidelines of EU Decision 97/129 EC on the Packaging Directive 94/62/EC.

Technical Data: Colour: jura LF 333, LF 170

Density: 1.5 g/cm³

Working time / min.:

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a) at 20°C	
1% of hardener:	2.5 - 4
2% of hardener:	2 - 2.5
3% of hardener:	1.5 - 2
4% of hardener:	1 - 1.5

b) with 2% of hardener:	
at 10°C:	4 - 7
at 20°C:	2 - 2.5
at 30°C:	1 - 1.5

Storage: If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 12 months from production.

Health & Safety: Read Safety Data Sheet before handling or using this product.

Important Notice: The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trials of the product, in an inconspicuous area or fabrication of a sample piece.