

## Technical Data Sheet

Page 1 of 2

**Properties:** AKEMI® DIAMOND SHINE 500 is a High-Tech crystallisation powder. In combination with water and a machine, the stone surface is densified and a high-gloss, highly durable surface is created.

The product is characterized by the following properties:

- produces a high gloss
- high resistance of the surface
- preserves the colour and beauty of the stone
- makes cleaning of the surface easier
- high coverage
- can be walked on immediately after application

**Application Area:** AKEMI® DIAMOND SHINE 500 is used for the crystallisation and thus for refining lime-based surfaces of natural and artificial stone s.a. marble, limestone, terrazzo and cementitious surfaces.

**Instructions for use:**

1. For old, heavily scratched surfaces, pre-sanding up to grain 400 is recommended. Holes, chipped areas or cracks should be filled with AKEMI® stone fillers.
2. Prepare a sample area to ascertain consumption, appearance and efficiency.
3. Work the surface in small sections only (2 - 3 m<sup>2</sup>).
4. Opt. working temperature 15 - 25°C; switch off underfloor heating in time, avoid direct solar radiation.
5. Thoroughly clean the surface, remove old coatings by means of a basic cleaning procedure, rinse with clear water.
6. Then sprinkle 30 - 60 g powder (2 - 3 spoons) per square meter onto the surface and moisten with enough water to create a milky consistency.
7. Then work in for 2 - 3 minutes using a felt pad and a conventional grinding machine or a heavy single disc machine. Do not allow the product to dry.
8. Remove crystallisation slurry from one area and check the gloss level.
9. If necessary, repeat procedure.
10. Remove residual slurry with AKEMI® Stone Cleaner and thoroughly rinse with clear water.

**Special Notes:**

- For professional use only.
- Only use the grinding or single disc machine with a splash guard.
- Protect furniture and skirting boards from splashes.
- Metals can be attacked and discoloured.
- Avoid formation of dust.
- 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:**

Coverage:	15 - 30 m <sup>2</sup> /kg
Colour:	yellow
pH value:	approx. 2 in saturated solution

**Storage:** If stored in a dry place protected from sunlight (0 - 30°C) in its closed original container at least 12 months from production.

TDS 01.25

**Technical Data Sheet**

Page 2 of 2

- 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 trails of the product, in an inconspicuous area or fabrication of a sample piece.

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TDS 01.25