Technical Data Sheet

Properties:

AKEMI® EVERCLEAR 300 is a creamy, solvent-free two-component adhesive based on PUR containing filling agents.

The product is characterized by the following properties:
- can excellently be worked due to soft, stable consistency
- fast surface drying
- easy dosing and mixing by means of cartridge system different colours for a seamless bonding of ceramics, natural and artificial stone as well as quartz
- UV-stable
- very low shrinkage, therefore only minimal tension within the bonding joint
- contains 31% carbon from renewable raw materials (in relation to total carbon content)

Application Area:

AKEMI® EVERCLEAR 300 is mainly used for a colour adjusted bonding of ceramics and large-size techno ceramic (e.g. Dekton®, Lapitec®, Neolith®, Laminam®, Kerlite®, Maxfine) and silicious-bound natural stone indoors and outdoors as well as quartz and limestone (e.g. marble) indoors.

Instructions for Use:

1. The surface must be clean, free of dust, completely dry and slightly roughened.
2. Remove the clasp from the cartridge and put the cartridge in the gun; work the grip until material emerges from both openings; then eventually screw up the mixing nozzle. Do not use the first 10 cm pressed out of the mixing nozzle. If used without mixing nozzle both components have to be thoroughly mixed.
3. The mixture remains workable for approx. 12 - 15 minutes (20°C), after approx. 1.5 hours (20°C) the bonded parts may be moved, after approx. 3 hours (20°C) they may be further processed. Final stability after 7 days (20°C).
4. The hardening process is accelerated by heat and delayed by cold.
5. Tools can be cleaned with AKEMI® Nitro-Dilution.

Special Notes:

- For professional use only.
- We recommend a minimum temperature of 15°C during hardening. Temperatures below 15°C may lead to a worse adhesion on some substrates.
- The product must not be used at temperatures below 5°C, as there is no sufficient hardening.
- The bonding should not be exposed to permanent temperatures 60°C.
- The hardened product can no longer be removed by solvents. Removal is only possible mechanically or by higher temperatures (> 200°C).
- 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.

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Colour: component A: different
component B: translucent

Density:

comp. A + B:	approx. 1.45 g/cm³
component A:	approx. 1.59 g/cm³
component B:	approx. 1.16 g/cm³

Hardening process (20°C, layer of 2 mm) Shore D hardness:

2h	3h	24h
45	65	78

Mechanical properties:
Bending strength: 40 - 50 N/mm²
Tensile strength: 15 - 25 N/mm²

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

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