

**Technical Instruction Sheet**

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<b>Characteristics:</b>	AKEMI Polishing Line Adhesive RAPID is a 2-component stone filler based on unsaturated polyester resins dissolved in styrene. The product is distinguished by the following qualities: <ul style="list-style-type: none"><li>- very rapid hardening also in thin layers (10-15 minutes), by means of heat hardening time can be reduced to 5-10 minutes</li><li>- rapid surface drying</li><li>- easy application due to liquid-creamy consistency</li><li>- easily polishable</li><li>- very good adhesion on dry natural stones</li></ul>		
<b>Field of Application:</b>	Polishing Line Adhesive RAPID is mainly used for working natural stone slabs in polishing line plants for filling holes and fissures. 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.		
<b>Instructions for Use:</b>	<ol style="list-style-type: none"><li>1. The surface to be treated must be clean, dry and free from dust.</li><li>2. Add 1 to 4 g of white hardener paste to 100 g of adhesive (4 to 5 cm of paste pressed out of the screw tube correspond to 1 g).</li><li>3. Mix both components thoroughly. The mixture can be worked for about 1 to 5 minutes (20°C).</li><li>4. After 10 to 15 minutes (20°C) treated slabs can be grind and polished.</li><li>5. The hardening process is accelerated by heat and delayed by cold.</li><li>6. Tools can be cleaned with AKEMI Nitro-Dilution.</li></ol>		
<b>Special Hints:</b>	<ul style="list-style-type: none"><li>- Use AKEMI Liquid Glove to protect your hands.</li><li>- Hardener portions higher than 4 % reduce quality of adhesion.</li><li>- Hardener portions less than 1 % and low temperatures (under 0°C) considerably delay hardening.</li><li>- Poor adhesion on humid surfaces.</li><li>- Moderate adhesion on fresh, alkaline building material (e.g. concrete bricks)</li><li>- Once hardened, the filler can no longer be removed by solvents. Removal is only possible mechanically or by higher temperatures (&gt; 200°C).</li><li>- Being worked properly, the hardened filler is generally recognized as not injurious to health.</li></ul>		
<b>Safety Measures:</b>	see EC Safety Data Sheet		
<b>Technical Data:</b>	Colour:	RAPID light:	beige
		RAPID dark:	green-brown
	Density:	1.65 g/cm <sup>3</sup>	
	Working time / min.:		
	a) at 20°C		
	1% of hardener:	3 - 4	
	2% of hardener:	2.5 - 3	
	3% of hardener:	2 - 2.5	
	4% of hardener:	1.5 - 2	

b) with 2% of hardener

at 10°C:	6	-	8
at 20°C:	2.5	-	3
at 30°C:	1	-	1.5

Shelf life: 1 year approx. if stored in cool place free from frost in its tightly closed original container.

**Notice:**

The above information is based on the latest stage of technical progress. It is to be considered as a non-binding hint and does not release the user from a performance test, since application, processing and environmental influences are beyond our realm of control.