

## Technical Data Sheet

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- Properties:** AKEMI® Easy Filler Green is a 2-component body filler based on unsaturated special polyester resins dissolved in styrene containing special light-weight agents.
- The product is characterized by the following properties:
- adheres to multiple substrates including iron, bare metal, aluminium, galvanized steel, wood, stone, polyester laminates and various plastics
  - low density
  - high fill and non-sag properties
  - super easy sandability with high abrading properties
  - absolutely pinhole free finish
  - resistant to fuels, water, mineral oils, diluted lye and acids
- Application Area:** AKEMI® Easy Filler Green is for use by professionals in body shops, commercial vehicle constructions, railway industries, model constructions or in the engineering industry for levelling of dents or for filling of deep uneven areas without big weight increase.
- Instructions for Use:**
1. The surface to be treated must be de-rusted, degreased, dry, dust-free and roughened. All prior coats both unhardened lacquers and thermo-plastic acrylic varnishes must be removed.
  2. Add 2 to 5 g of red hardener paste to 100 g of filler (4 to 5 cm of paste pressed out of the screw tube correspond to 1 g).
  3. Both components are mixed until a homogeneous shade of colour is achieved. The mixture has a pot-life of about 2 to 8 minutes.
  4. After 8 to 30 minutes the hardened filler will be sandable (abrading, boring, cutting).
  5. The hardening process is accelerated by heat and delayed by cold.
  6. The treated surface can be worked over with all common primer fillers and paints.
  7. Tools can be cleaned with afin® Acryclean/AKEMI® Nitro-Dilution.
- Special Notes:**
- For professional use only.
  - Use afin® Liquid Glove to protect your hands.
  - Apply the body filler in a short interval after metal surface sanding for avoid poor adhesion.
  - Excess of more than 5% hardener will not significantly speed up the gel time and could lead to bleed through and bleaching problems during over-painting.
  - Less than 2% hardener will delay hardening or low temperatures cause an incompletely hardening and the surface will remain tacky.
  - Before painting apply a primer filler or a „Non-Sanding Sealer to avoid blistering.
  - When the product is to be applied in thicker layers, we recommend to use less hardener as possible or apply several layers.
  - Once cured, the body filler can no longer be removed by solvents. Removal is only possible mechanically or by higher temperatures (> 200°C).
  - Being worked properly, the well cured body filler is not harmful to health.
  - 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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<b>Technical Data:</b>	Colour:	light green
	Density:	1.51 g/cm <sup>3</sup>
	Working time / min:	
	a) at 20°C	
	1% hardener	5 - 8
	2% hardener	4 - 5
	3% hardener	3 - 4
	4% hardener	2 - 3
	b) with 2% hardener	
	at 10°C	7 - 9
	at 20°C	4 - 5
	at 30°C	2 - 3
	VOC:	251.3 g/l (calculated)
<b>Storage:</b>	If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 12 months from production.	
<b>Health &amp; Safety:</b>	Read Safety Data Sheet before handling or using this product.	
<b>Important Notice:</b>	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.	

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