

## Technical Data Sheet

Page 1 of 2

- Properties:** AKEMI® PP/PA Primer is a high-quality primer for the surface treatment of most plastics.
- The product features and benefits are as following:
- adhesion on untreated polypropylene
  - time-consuming of flame treatment, fluorinating, plasma treatment or annealing are not necessary
  - excellent water-based paints adhesion
- Application Area:** Polypropylene (PP) is the most frequently used plastic in the market. With AKEMI® PP/PA Primer the use of polypropylene becomes even more interesting as this versatile and cheap plastic can now also be inexpensively painted. AKEMI® PP/PA Primer can be also applied to a numerous of other plastics. AKEMI® PP/PA Primer is commonly used coating plastics e.g.
- Automotive  
Bumpers, plastic wings, spoilers, trims, radiator grilles, center consoles, instrument panels, decorative panels, E-coated surfaces
  - Household articles  
Washing machines, refrigerators, water cookers, coffee-machines, irons
  - Electronic articles  
Computer, printers, mobiles
  - Pipes, pipelines (UV-protected), containers, tanks, etc.
- Instructions for Use:**
1. Surfaces to be treated must be dry and free of dust.
  2. Before applying AKEMI® PP/PA Primer, plastics must be cleaned of adhering grease and other contaminants using cleaner AKEMI® Eco Degreaser.
  3. The use of solvent-based cleaners e.g. silicone removers are not recommended in case if used re-clean with AKEMI® Eco Degreaser to avoid adhesion problems.
  4. Before applying to KTL primers, these must be sanded with a suitable abrasive, e.g. sanding fleece grey.
  5. Dilute as follows depending on drying requirements:
    - slow drying with AKEMI® Acrylic Dilution normal
    - medium drying with AKEMI® Acrylic Dilution fast
    - fast drying with AKEMI® Spot Repair Thinner
    - super-fast drying with AKEMI® Active Thinner
  6. Application:
    - brush - undiluted or with 10% of dilution
    - spray with paint spray gun with 1.2 - 1.4 mm (HVLP 1.3 - 1.4 mm) nozzle and 3 - 4 bar (HVLP 0.7 - 0.9 bar) spray pressure and depending on the requirement up to 15% of dilution (max. 1:1 by volume)
  7. Depending on application dry layer thickness of 15 - 40 µm is recommended - for structured surfaces minimum layer thickness of 15 µm above surface roughness is necessary.
  8. After use, clean the spray nozzle by spraying once or twice, holding the can upside down.
  9. Paintable after 20 minutes flash off / 20°C with water based or solvent based topcoats and as well with 1K or 2K topcoats.
  10. Paintable without sanding even several days stored.

TDS 04.24

## Technical Data Sheet

Page 2 of 2

- Special Notes:**
- For professional use only.
  - 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.

<b>Technical Data:</b>	Binder base:	polymers
	Colour:	grey, black
	Delivery viscosity:	>100 s / 4 mm / 20°C (DIN 53211)
	Density:	1.835 g/cm <sup>3</sup>
	Film thickness:	15 - 40 µm dry film thickness
	Theoretical coverage:	18 m <sup>2</sup> /kg 15 µm dry film thickness
	Temperature resistance:	up to +100°C
	Paintable:	20 minutes wet in wet (20°C)
	Dust-dry:	20 minutes
	Touch-dry:	40 minutes
	Completely dry:	24 hours
	Forced drying:	30 minutes / 80°C after 15 minutes evaporation time
	VOC:	580 g/l

**Storage:** If stored in 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.

TDS 04.24