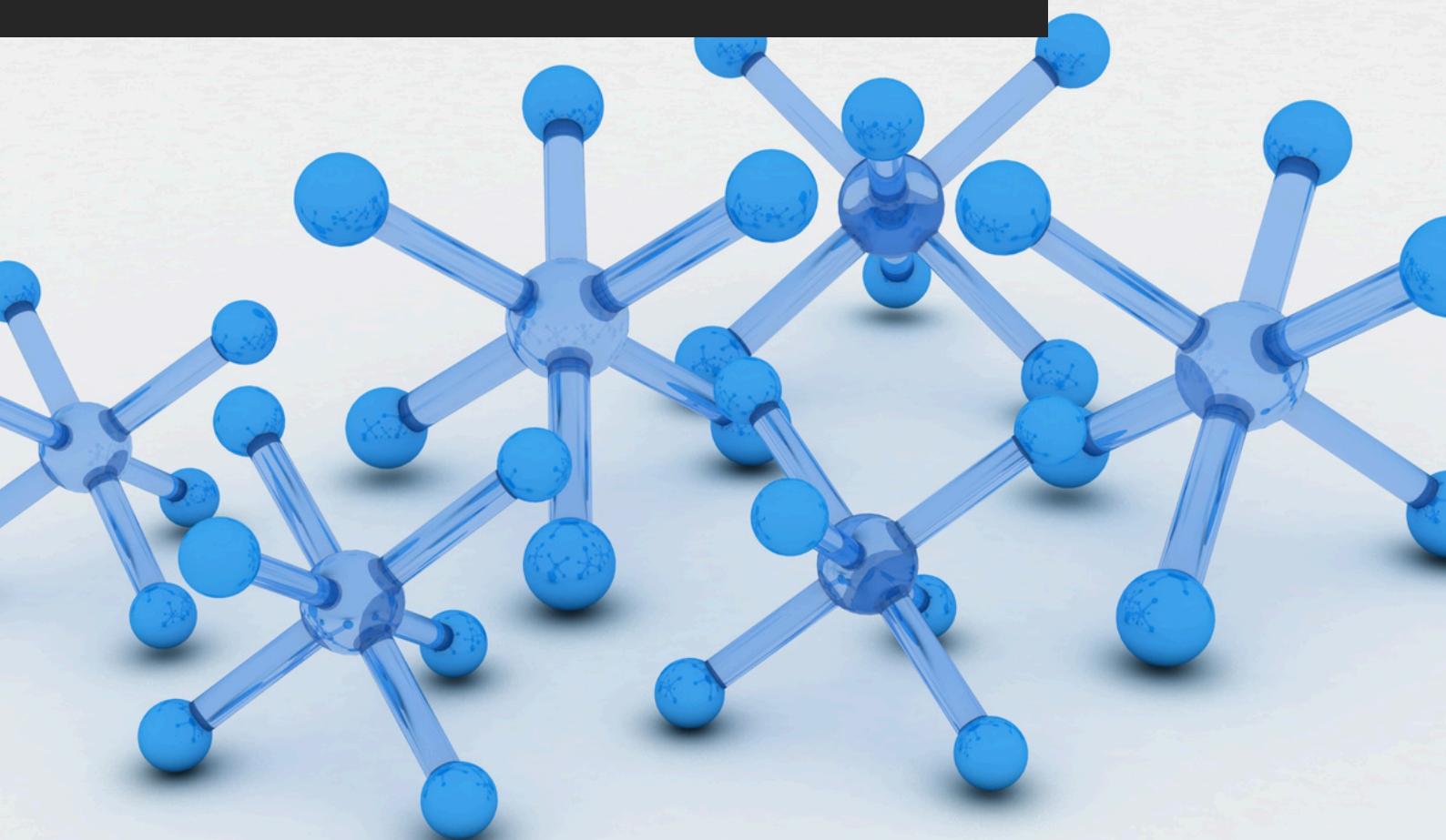


# TDS\_MIC MICRO PRIMER

Technical Data Sheet  
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Micro Primer\_TDS\_MIC\_2025\_v1.0\_EN

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## TECHNICAL DATA SHEET

# MICRO PRIMER

Highly penetrating micromolecular primer.

### Main Features:

1. Micro-technology primer designed for extreme penetration into substrates.
2. Reinforces and stabilizes dusty, chalky, or deteriorated surfaces.
3. Creates a micro-resin network inside the substrate, improving cohesion and strength.
4. Greatly enhances adhesion for all subsequent coatings (paints, plasters, varnishes).
5. Excellent penetration even in highly absorbent, brittle, or old surfaces.
6. Water-based, low odor, and fast drying for interior and exterior use.

### Applications:

1. Stabilizing weak, powdered, or chalking walls.
2. Priming new plaster, concrete, and cement render before painting.
3. Preparation of gypsum boards, putty, and skim-coated surfaces.
4. Restoration of old, brittle, or highly absorbent substrates.
5. Exterior façades requiring deep consolidation.
6. Interior walls before applying high-quality finishes.
7. Cement boards, fiber-cement surfaces, and masonry.

### Technical Specifications & Typical Values

<b>Binder Type</b>	Acrylic
<b>Colour</b>	Clear
<b>Diluent</b>	Water
<b>Density at 22°C (ISO 2811)</b>	1.03 Kg/L
<b>Solids %w/w</b>	~ 16 % *
<b>VOC (2004/42/EC)</b>	20 g/L – (A/i/SB) One-pack performance coatings - VOC compliant
<b>Dry film thickness (2 coats) (ASTM D6132-13(2017))</b>	6 µm

\*depending on the tinting base

\*\*depending on surface absorption, tinting base & application method

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### Technical Specifications & Typical Values

<b>Method</b>	Paint brush, roller or spray gun
<b>Coverage per coat</b>	8-10 sqm/L**
<b>Recoatibility</b>	4-6 hours
<b>Shelf life</b>	12-24 months
<b>Touch Dry Time at 22°C</b>	20-40 min
<b>Dry Through Time at 22°C</b>	4-6 hours
<b>Ambient air temperature</b>	min. +10°C / max. +40°C
<b>Relative air humidity</b>	55-60 % max.
<b>Curing time</b>	Note: Times are approximate and will be affected by changing ambient and substrate conditions, particularly temperature and relative humidity.

\*Depending on the tinting base

\*\*Depending on surface absorption, tinting base & application method

\*\*\*Drying times are temperature, humidity, and film thickness dependent

# MICRO PRIMER

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## MICRO PRIMER preparation:

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### Substrate quality & preparation:

1. The substrate must be cured, solid, clean, dry and free of all contaminants such as dust, dirt, oil, grease, surface treatments, etc.

### MICRO PRIMER preparation:

In general use dilute with water by 10%

In the case of spray gun application, dilute with water by 10%

### Important application remarks:

1. Untreated substrate defects could lead to reflective coating defects and reduced performance.
2. Tool cleaning right after use with soap and water, always following the local HSE rules.

### Packaging:

Metal can of:

**0.75-L**

**2.5-L**

**9-L**

### Storage:

Shelf life: 12-24 months from the date of production, in original unopened packaging in a cool and dry condition between +5°C and +35°C. Protect from direct sunlight, heat, temperature extremes, and moisture. Failure to comply with the recommended storage conditions may result in premature deterioration of the product packaging and which may cause inconsistent workability, finish and cure times of the material.

### Health, Safety & Environment:

Read the product label carefully before use. The Technical Data Sheet should be read in conjunction with the Safety Data Sheet.

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## Paint System

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Contact Akteon Paints for case-by-case recommendations at: [contact@akteonpaints.com](mailto:contact@akteonpaints.com) or visit [www.akteonpaints.com](http://www.akteonpaints.com)

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