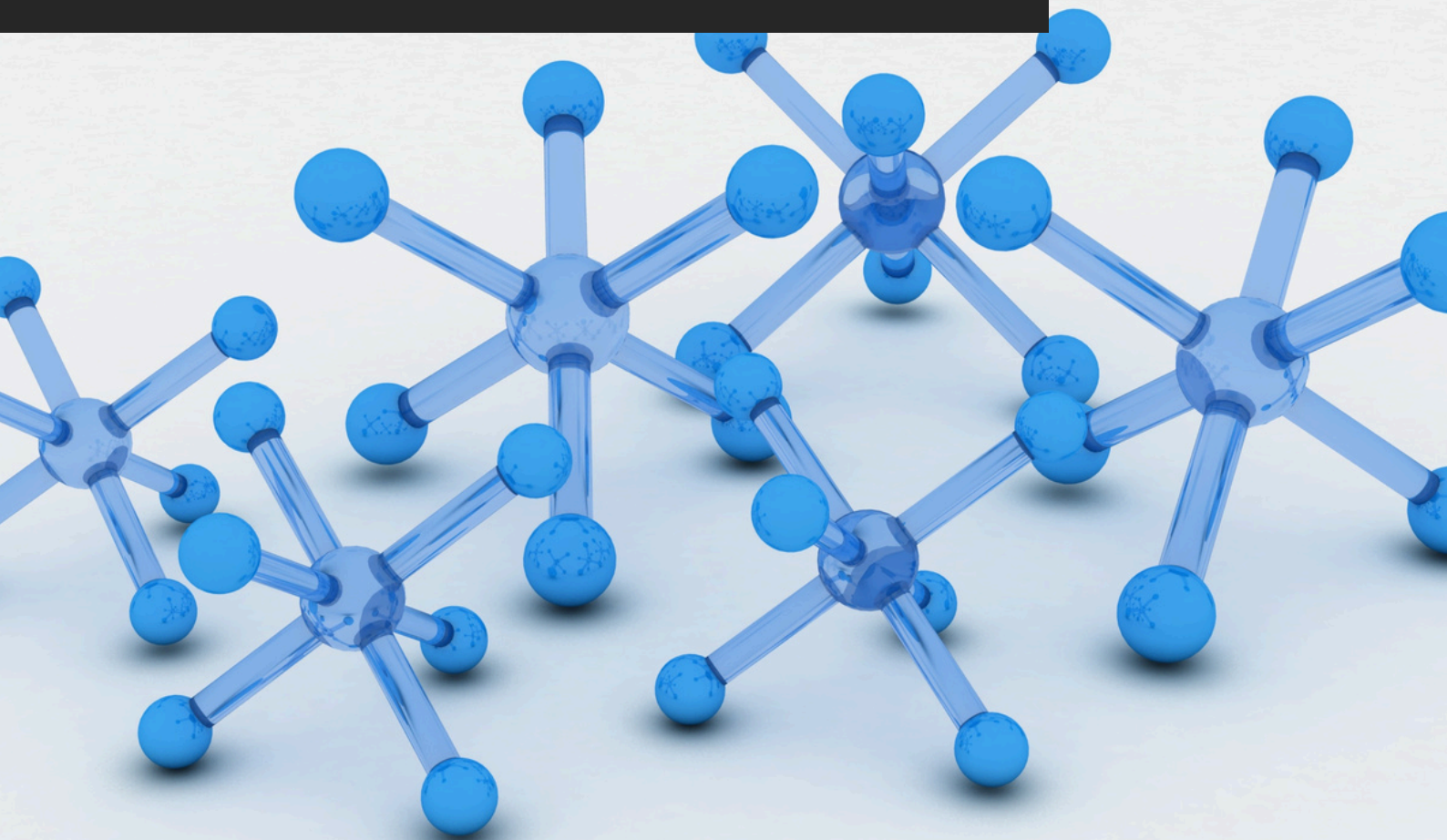


TDS_HUMEL

HUMID PRO ELASTIC

TECHNICAL DATA SHEET
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Humid Pro Elastic_TDS_HUMEL_2025_v1.0_EN

Visit our website and learn
more about our products
akteonpaints.com

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TECHNICAL DATA SHEET

HUMID PRO ELASTIC

High-Performance Acrylic Elastomeric Waterproof Coating

Main Features:

1. Single-component, ready-to-use formulation.
2. Water-based and environmentally friendly.
3. High elasticity (200–300% elongation) to bridge cracks.
4. Excellent waterproofing and weather resistance.
5. UV and sunlight resistant, non-yellowing.
6. Vapor-permeable (breathable) while water-resistant.
7. Resistant to blistering, chalking, and peeling.
8. Easy application by brush, roller, or spray.

Applications:

1. Exterior plastered walls.
2. Masonry block walls.
3. Cement-rendered facades.
4. Boundary and compound walls.
5. Exterior stairwell walls.
6. Wall surfaces in coastal or high rainfall zones.
7. Basement walls (interior side, against moisture ingress).
8. Exterior decorative finishes that require waterproof protection.

Technical Specifications & Typical Values

Binder Type	Acrylic
Colour	Available in white or colouring bases.
Diluent	Water
Density at 22°C (ISO 2811)	1.20 Kg/L
Solids %w/w	~ 65 % *
VOC (2004/42/EC)	27 g/L – (A/i/SB) One-pack performance coatings - VOC compliant
Dry film thickness (2 coats) (ASTM D6132-13(2017))	220 µm**
Elasticity (ASTM D2370)	200-300 % - Elongation at Break (%)
Elasticity (ASTM D2370)	2,4–5 MPa - Tensile Strength

*depending on the tinting base

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

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Technical Specifications & Typical Values

Method	Paint brush, roller, or spray gun.
Coverage per coat	8-10 sqm/L**
Recoatibility	24 h
Shelf life	12-24 months
Touch Dry Time at 22°C	1h
Dry Through Time at 22°C	24 h
Ambient air temperature	min. +5°C / max. +40°C
Relative air humidity	55-60 % max.
Curing time	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

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HUMID PRO ELASTIC preparation:

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.
2. Surface defects such as cracks, blow holes, and voids must be fully exposed and repaired.
3. Uneven substrate should be leveled to produce a roughened flat surface.

HUMID PRO ELASTIC preparation:

Dilute with water.

Important application remarks:

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

Packaging:

Metal can of **0.75-L / 3-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.

TECHNICAL DATA SHEET

HUMID PRO ELASTIC

High-Performance Acrylic Elastomeric Waterproof Coating

Paint System

Contact Akteon Paints for case-by-case recommendations at: contact@akteonpaints.com or visit www.akteonpaints.com

Disclaimer: The information contained in this publication is based on our scientific knowledge, laboratory studies and long-term experience. Therefore, the information provided must be considered indicative and subject to constant review in relation to the circumstances and each practical application. This information is for use by technically skilled persons at their own discretion and risk. The user alone has the responsibility to ensure that existing laws and legislation are observed when using the products.