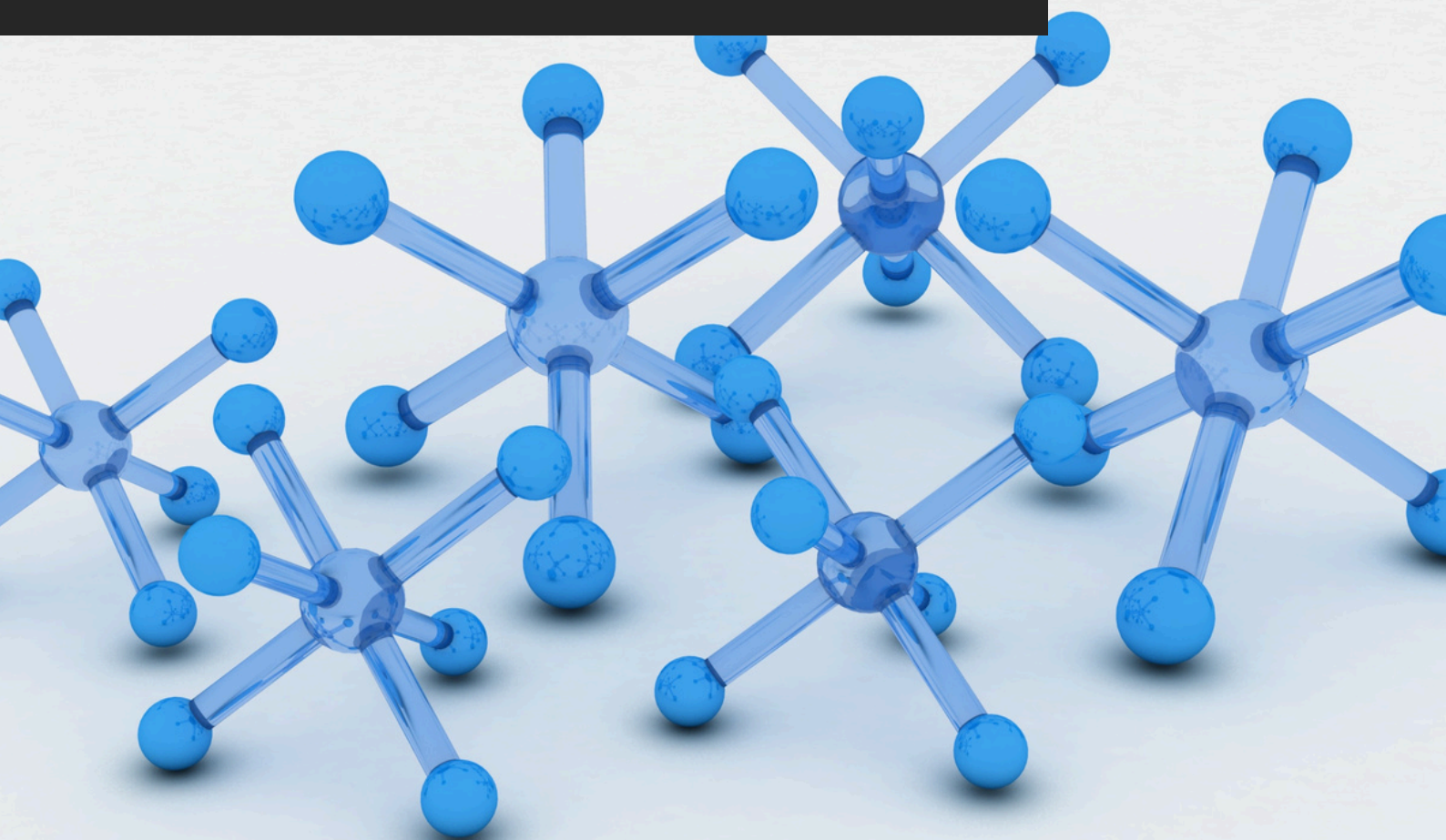


TDS_1111

AGP 1111

Technical Data Sheet
akteonpaints.com



AGP_1111_TDS_1111_2026_v1.0_EN

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For further information:
contact@akteonpaints.com

Kifissias Ave. 44,
Amarousion
+30 210 440 2727

TECHNICAL DATA SHEET

AGP 1111

Solvent based waterproofing material with high adhesion.

Main Features:

1. Solvent-based waterproofing formulation.
2. High adhesion to porous cementitious surfaces.
3. Deep penetration for effective waterproofing and surface sealing.
4. Compatible with water-based double protection systems.
5. Enhances UV resistance and durability over time.
6. Prevents water ingress and protects against standing water.

Applications:

1. Porous cementitious surfaces.
2. Concrete and cement screeds.
3. Flat roofs and terraces.
4. Balconies and external walkways. (Absorbent)
5. Foundations and basements.
6. Surface sealing before recoating.
7. Protective treatment under water-based waterproofing systems.

Technical Specifications & Typical Values

Binder Type	Acrylic
Colour	Available in light gray.
Thinner	Nitro Thinner
Density at 22°C (ISO 2811)	1.20 Kg/L
Solids %w/w	~ 55% *
VOC (2004/42/EC)	482 g/L – (A/i/SB) One-pack performance coatings - VOC compliant
Dry film thickness (2 coats) (ASTM D6132-13(2017))	118 ± 10 µm**
Cross-Cut Adhesion (ISO 2409:2013)	ISO Class 1
Pull Off Adhesion (ASTM D 4541)	4,78 ± 0,51 MPa
Hardness by Instrumented indentation (ISO 14577)	161 MPa
Chemical resistance (ASTM D1308 – 20)	1h – ultra thick bleach – no deterioration detected

*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, spray gun or floor-coating spatula
Coverage per coat	8-10 sqm/L**
Recoatibility	24 h
Shelf life	12-24 months
Touch Dry Time at 22°C	20-30 min
Dry Through Time at 22°C	24 h
Ambient air temperature	min. +10°C / max. +40°C Expect considerable decrease in working times when temperature exceeds +35°C. (Might need to use extra nitro thinner) Consider the difference between substrate's temperature and ambient air temperature.
Relative air humidity	20 % min. / 55-60 % max.
Dew point	Substrate's temperature must be at least 3°C above the dew point to reduce the risk of condensation.
Substrate moisture content	< 8 % pbw - Oven-dry-method. No rising moisture - Polyethylene-sheet method ASTM D 4263
Curing time	Note: Times are approximate and will be affected by changing ambient and substrate conditions, particularly temperature and relative humidity.
Foot traffic	~ 6-24 h ****
Light mechanical loading	3-5 days
Fully serviceable	7-12 days ****

*Depending on the tinting base

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

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

****For the purposes of this technical data sheet, "foot traffic" refers exclusively to light foot traffic, meaning stepping or walking without dragging, rolling, or moving heavy objects. This does not include activities that may exert excessive pressure or cause mechanical damage to the coating during its polymerization process of 7-12 days. To prevent potential damage, avoid placing or moving furniture, equipment, or other heavy items on the surface until the coating has fully cured as specified in the curing guidelines.

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AGP 1111 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.
4. Cementitious substrates must be at least 4 weeks old in 22°C.

For high porosity-absorbent surfaces and cementitious substrates:

(There is no need to use a primer before AGP 1111 in dry and clear surfaces)

Apply 1 or 2 coats of AGP 1111 with 24-48 h intervals:

- Apply AGP 1111 diluted with 10-15 % nitro thinner for substrate stabilization through high impregnation depth and surface crystallization effect.
- After 24-48h apply second coat of AGP 1111 diluted with 10-15% nitro thinner.

Important application remarks:

1. Untreated substrate defects could lead to reflective coating defects and reduced performance.
2. Substrate washing is not allowed before the application of solvent-based coatings.
3. The substrate's moisture should be less than 8% to avoid coating adhesion failure and film defects. To assure suitable substrate moisture, the ambient temperature must be 22°C for at least 12 days. Higher substrate moisture could result in a lack of coating adhesion and/or blooming.
4. Tool cleaning right after use with nitro thinner, soap and water, always following the local HSE rules.

Packaging:

Metal can of **0.75-L / 2.5-L / 10-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

AGP 1111

Solvent based waterproofing material with high adhesion.

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.