

TECHNICAL DATA SHEET

30047 AQUAVISION PU-KLARLACK MATT



AREA OF APPLICATION

AquaVision PU-Klarlack Matt is a high-quality paint for interiors. The product can be used as a transparent, matt protective paint on many substrates. A test report in accordance with the DIN EN 71-3 inspection standard (European toy safety standard) is available.

PROPERTIES

- water-dilutable
- Low-odour
- Low-emission
- Meets the requirements of the Committee for Health-related Evaluation of Building Products
- Rapid drying
- Slip resistance class R9*
- Colourless
- Non-sag
- Non-yellowing
- Durable
- Viscous elastic
- Matt
- Permeable to water vapour
- Resistant to solvent-free household cleaning agents

* See test report on our homepage (service/certificates)

COLOUR SHADE: colourless

CONTAINER: 750 ml, 2.5 l

COVERAGE: approx. 100 – 120 ml/m² per coating

GLOSS LEVEL: matt (< 10 GU at 60°)

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GENERAL RULES:

The substrate must be prepared and the coating work performed in accordance with the state of the art.

All coatings and preliminary work should always be geared towards the project and the requirements it is exposed to. Please also observe the current BFS data sheets, published by the German Federal Committee for Paints and the Protection of Objects. Also see German construction contract procedures (VOB), Part C, DIN 18363, Paragraph 3 "Painting and coating work".

Treating/removing layers of paint by sanding, welding, burning off, etc. can cause harmful dust and/or vapours. Only carry out work in well-ventilated areas. Use appropriate breathing apparatus/protective equipment, if necessary.

All substrates must be clean, dry, load-bearing, and free from release agents. Substrates must be checked in terms of their load-bearing capacity and suitability for subsequent coatings. If necessary, create a test surface and test the adhesion by means of a cross cut and/or mesh tape tear-off. For coating build-ups, carry out intermediate sanding in between the individual coatings.

SUBSTRATE

The substrate must be firm, dry, clean, load-bearing, and free from release agents. Sand and clean existing coatings.

Thoroughly sand and clean uncoated wood. Sand or matt existing paint and lasure surfaces with a nonwoven abrasive.

SUITABLE SUBSTRATES:

Wood (e.g. floorings, wall coverings, furniture), oriented strand boards, plaster, concrete, emulsion paints, painted and glazed surfaces.

APPLICATION

Stir AquaVision PU-Klarlack Matt well before use. On absorbent substrates, the priming coat must be diluted by up to 30 %. SÜDWEST AquaVision PU-Klarlack Matt can be applied with a brush or with a roller. Apply 1–2 undiluted top paint coats depending on the conditions. After applying the first coat on wood, sand the surface with a nonwoven abrasive or abrasive paper (graining 240/320).

APPLICATION CONDITIONS:

Temperature and humidity influence the drying process and flow of water-based coating materials. Ideal application temperature 10–25 °C (approx. 60 % rel. humidity). The drying process is delayed by low temperatures and high humidity. Do not apply in conditions under +5°C. High temperatures and very low humidity shorten the cure time.

APPLICATION USING SPRAY PROCESS:

Process	Nozzle	Material pressure/quantity	Air pressure	Thinning
High pressure	2.0	-	2.0 bar	Max. 5 %
Low pressure	Medium to large	Approx. ¾ to max.	-	Max. 5 %

PAINT BUILD-UP:

To seal trim paints, lasures, emulsion paints, or mineral substrates, apply 1 – 2 undiluted coats of SÜDWEST AquaVision PU-Klarlack Matt.

TOOL RECOMMENDATION:

For application by brush, we recommend using paint brushes with plastic fibre bristles. For application by roller, use a fine microfibre roller.

THINNING:

Dilute with water if necessary.

TOOL CLEANING:

Clean with water after use. Collect the cleaning/rinsing water and dispose of it properly.

DRYING

(At 20 °C / 60 % rel. humidity, 100 µm wet-layer thickness).

Dust-dry: approx. 1 h

Over-coatable: approx. 6 h

Final hardness: approx. 7 days

Higher layer thicknesses and/or lower temperatures delay the drying times.

SPECIAL INFORMATION

Do not use on surfaces that will be exposed to intense stress during later use, e.g. due to contact with grease, plasticisers, alcohol, or other aggressive substances. Do not use on water-soluble stains. Surfaces coated with SÜDWEST AquaVision PU-Klarlack Matt can be cleaned with common household cleaning agents. Do not use abrasives or aggressive cleaning agents.

EC DIRECTIVE 2004/42/EC:

The AquaVision PU-Klarlack Matt product falls below the maximum VOC value of product category i (140 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Acrylate dispersions, acrylate PUR dispersions, water, glycols, neutralising agents, antifoam agents, wetting agents, polyurethane thickeners, amorphous silicic acids, interface additives, protection of the product during storage based on chloromethylisothiazolinones, methylisothiazolinones, and benzisothiazolinones

GISCODE BSW30

GENERAL SAFETY ADVICE

Good ventilation must be ensured while paints and varnishes are being applied and are drying. Keep away from food, drink, and animal feed. Avoid contact with skin and eyes. Do not breathe in dust during sanding work. Keep out of reach of children. Do not allow to enter ground water, bodies of water, or the sewer system in undiluted or large quantities. Further information and the current SDS are available at www.suedwest.de

STORAGE

Close opened containers so that they are airtight after use. Store in cool but frost-free conditions.

DISPOSAL

Only recycle empty containers. Only return empty containers for recycling. Dispose of containers with residues at the responsible hazardous waste centre. Dispose of dried paint brushes and rollers with residual waste. Do not dispose of

paint or rinse painting tools in sinks or drains.

TECHNICAL CONSULTATION

Our sales representatives will be happy to answer any questions which have not been covered by this Technical Data Sheet. Our technical customer service team at the factory is also available to answer any detailed queries you may have. (06324/709-0).

DISCLAIMER

We are committed to taking the utmost care. However, we are only able to provide general information based on our own experiences, developments, and investigations, and these naturally cannot take the individual conditions of a project (substrates, weather conditions, other conditions) into account. The applicator is therefore obliged to maintain their knowledge in accordance with the state of the art and act responsibly. Our employees are available to provide specific advice and will be happy to do so. We accept no responsibility for the use of the product in combination with other products. The data provided in this Technical Data Sheet does not constitute binding information or liability. Furthermore, suspension or the appearance of a subsequent edition will invalidate this Technical Data Sheet; information about this can be accessed at any time on our website: www.suedwest.de.

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