



ARDEX WPM 400 FINISH

ARDEX WPM 400 Protective PU Finish

Aliphatic polyurethane coating

High elasticity

Excellent UV resistance

Resistant to abrasion

Good mechanical and chemical resistance

Suitable for vertical and horizontal applications

Available in a range of standard RAL colours

Internal or external use

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DESCRIPTION

ARDEX WPM 400 FINISH is a two-component aliphatic polyurethane coating specially designed to protect ARDEX WPM 400 applications. ARDEX WPM 400 FINISH gives a satin waterproof finish to coated surfaces, with good mechanical and chemical performance. It is resistant to algae and fungi growth, and is low maintenance.

ARDEX WPM 400 FINISH provides high elasticity and UV resistance, making it particularly suitable for outdoor application. After curing, ARDEX WPM 400 FINISH is resistant to weathering, frost, and chemical agents.

APPLICATIONS PROTECT

ARDEX WPM 400 Poluurea. In waterproofing applications of terraces, balconies and flat / pitched roofs.

SURFACE PREPARATION

The substrate must be dry, hard, solid, free of dust and other loose particles which might affect adhesion to the substrate. When applying over substrates of ARDEX WPM 400 that are over 24 hours old, ARDEX WPM 400 PRIMER must be applied prior to ARDEX WPM 400 FINISH, with an approximate yield of 50-70g/m².

MIXING

Stir the individual components of ARDEX WPM 400 FINISH before mixing. Thoroughly mix the two components with a mixer at low speed for a minimum of 3 minutes.

Part of the mixture can be reintroduced into the hardener container to gather remaining residues in the container. The mixture which has been reintroduced into the hardener container can be returned to the mixing container and stirred for a further 30 seconds. This mixing process ensures the product's consistency and that any residual resin remaining in the container reacts.

After the two components have been mixed, use immediately. 1kg of ARDEX WPM 400 FINISH will remain workable for 30 minutes at temperatures between 18°C and 20°C.

APPLICATION

After mixing together components A and B, apply in thin layers directly on the substrate using a short nap roller, brush, or airless sprayer. Ensure the entire surface is completely painted but not ponding. The second layer should be applied as soon as the first is sufficiently cured, at least 8 hours at 20°C. The curing time varies depending on environmental conditions. Do not allow more than 24 hours between coats.

A protection layer of ARDEX WPM 400 FINISH can be given a non-slip finish by mixing with micronized plastic particles or glass beads (up to 8%) and adding a final seal of ARDEX WPM 400 FINISH.

Ensure proper ventilation during application and curing, especially in confined spaces. Do not add solvent or thinner at any stage.

LIMITATIONS

Do not use ARDEX WPM 400 FINISH where ambient and/or substrate temperatures are less than 8°C or less than 3°C above dew point. Do not use where ambient or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%. If pot life is exceeded the mixed product loses its characteristics and should be disposed of.

All ARDEX products are manufactured to rigorous quality controls and procedures, however, if strict colour consistency is required, it is recommended to use products of the same batch. Colour change may occur in high chemical environments.

CLEAN UP

Clean tools and equipment immediately after use with an applicable solvent. Hardened product will need to be removed mechanically.

Any spillage from any of the products must be removed immediately with sand, vermiculite or other inert material and collected in a suitable container for proper handling and treatment. Residues from spillage and empty containers must be dealt with in accordance with local regulations.

See product safety sheet for further information.

STORAGE

ARDEX WPM 400 FINISH can be stored for up to 12 months in its original unopened packaging. The product should be stored in a dry place between 5°C and 30°C. Keep away from frost, direct sunlight and sources of heat.

COVERAGE

Approximately 150g/m² per coat depending on substrate roughness.

PACKAGING

ARDEX WPM 400 FINISH consists of two components and is available in 20kg kits of various colours.

COLOURS

ARDEX WPM 400 FINISH can be tinted to a range of standard RAL colours.

TECHNICAL DATA

Characteristics	Result
Density	Approx. 1.5kg/L
Solid content	Approx. 60%
Working time @ 20°C	Approx. 30 minutes
Touch dry @ 25°C	5 hours
Full cure @ 20°C	7 days
Temperature resistance	-20°C to 80°C

PRECAUTIONS

Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause damage to organs with prolonged or repeated exposure.

Keep away from heat, hot surfaces, open flames, sparks. No smoking. Do not breathe dust, fume, gas, mist, spray, vapours. Use only outdoors in a well-ventilated area. Wear protective gloves, protective clothing, eye and face protection. IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. In case of fire: Use foam, carbon dioxide, dry extinguishing powder to extinguish.

Store in a well-ventilated place. Keep cool. Dispose of contents/container to hazardous or special waste collection point, in accordance with local regulation.

Additional information is in the Safety Data Sheet at www.ardex.co.nz

Toll Free Technical Services:
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COLOUR CHART

						
RAL 1001	RAL 1011	RAL 1013	RAL 1014	RAL 1019	RAL 3009	RAL 5012
						
RAL 5015	RAL 5018	RAL 6011	RAL 6019	RAL 6021	RAL 7001	RAL 7004
						
RAL 7012	RAL 7016	RAL 7023	RAL 7030	RAL 7032	RAL 7035	RAL 7037
						
RAL 7038	RAL 7040	RAL 7042	RAL 7044	RAL 8004	RAL 8017	RAL 8024
						
RAL 9002	RAL 9005	RAL 9010	RAL 9016			
						
RAL 3005	RAL 3011	RAL 3013	RAL 4001	RAL 4005	RAL 5002	RAL 5003
						
RAL 5005	RAL 5007	RAL 5010	RAL 6001	RAL 6010	RAL 6016	RAL 6017
						
RAL 6026	RAL 7009	RAL 7031	RAL 8001			

*Indication of colour only.