

TECHNICAL DATA SHEET

EDITION: MARCH 2025
C491 | **AQUAPRIMER**
REPLACES ALL EARLIER VERSIONS

wood
coatings & primers



AQUAPRIMER

wood primer for water-based
enamel paint

- great filling capacity
- easy to work and sand, excellent flow
- strong adhesion



Primer for water-based enamel paint based on polyurethane-modified resins. Suitable for the preparation of interior and exterior wood. Excellent adhesion and great elasticity. Apply on old surfaces previously coated with water-based or solvent-based paints or on new wood, plaster etc. Great hiding power. Easy sanding. Uniform flow, leaves no brush or roller marks. Fills the substrate and provides a matt finish. Ideal undercoat for AQUAGLOSS, AQUASATIN and ONEAQUA PU MATT. Does not alter the gloss of the top coat. Increases the coverage, resistance and strength of the top coat. Practically odourless.

COVERAGE	9±2m ² /L
FINISH	MATT
THINNING	5-15% WATER
DRYING TIME	1-2 hours*
RECOATING TIME	4-6 hours*
RECOMMENDED NUMBER OF COATS	1-2 coats
TOOLS	roller, brush or airless spray gun

* Lower temperatures or higher relative humidity will prolong drying and recoating times.

TECHNICAL CHARACTERISTICS

TYPE	POLYURETHANE-MODIFIED RESINS	
SPECIFIC GRAVITY	WHITE 490	1,42 ±0,05g/cm ³
SOLIDS w/w (ISO 3251-03)		59±2 %
VISCOSITY (ASTM D 562-05 @ 25°C)		KU 115±10
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)		KU 80±15
pH		8,3±0,5
HIDING POWER (ISO 3905)		95% 150µm wet film
WHITENESS INDEX (ASTM E 313-98)		≥ 84
YELLOWNESS INDEX (ASTM E 313-98)		≤ 1
GLOSS (60°) (ISO 2813-99)		4±1
GLOSS (85°) (ISO 2813-99)		14±5
ACCELERATED AGEING RESISTANCE (ASTM D 1849-03)		10/10 (1 month, 50°C)
APPLICATION TEMPERATURE		min 5°C-max 30°C

DIRECTIVE 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/g; Primers): 30 g/L (2010). This product contains max: 29 g/L VOC.

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SURFACE PREPARATION

Carefully prepare surface to obtain good results. Remove all weathered coatings, loose materials and oils. Sand surface smooth and remove sanding residue with a rag.

Dust and/or hazardous fumes are generated during dry grinding or flame cutting/ welding on previously painted surfaces. Treat by wet grinding only if necessary. If local exhaust ventilation cannot minimise the exposure effects, the appropriate breathing apparatus must be used.

- ▶ **New wood:**
Sand and clean sanding residue. Apply putty. Apply 1-2 coats of wood preservative POLACRYL 320. Prime with AQUAPRIMER undercoat, 1-2 coats.
- ▶ **New walls:**
Apply 1-2 coats of bonding primer M51 PRIMER. Apply putty. Sand and clean sanding residue. Prime with AQUAPRIMER undercoat, 1-2 coats.
- ▶ **Smooth and stable substrate previously painted with solvent-based paints:**
Sand lightly and clean sanding residue. Prime with AQUAPRIMER undercoat, 1-2 coats.

INTENDED USE

	WOOD
	WALLS

APPLICATION

- ▶ Stir well before and during application.
- ▶ Sand surface smooth with the right sandpaper for the task before painting.
- ▶ Do not paint when ambient temperature is below 5°C, over 30°C and humidity over 70%.
- ▶ Apply in two coats with a roller or brush and thin with WATER by 0-10%. Thin with WATER by 10-15% for application with an airless gun depending on its nozzle and the type.
- ▶ Wait for the first coat to fully harden before applying the second coat.
- ▶ Apply using a paint brush with synthetic fibres, a paint roller (preferably mohair) or a spray gun (nozzle size 1.8-2mm) or an airless spray gun.

USEFUL INFORMATION

- ▶ It is preferable to tint AQUAPRIMER if an enamel paint of reduced hiding power is to be applied next, so as to reduce the number of the required coats.

PACKAGING

- ▶ Available in White. Containers of 350ml, 750ml and 2.5L.
- ▶ Create thousands of different colour tints with our COLORTOUCH Tinting System. To ensure product quality, always add COLORTOUCH COLORANTS to Pellachrom Tinting System to create the tint of your choice.

STORAGE

Two (2) years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean tools with hot water and soap immediately after use. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.

