

TECHNICAL DATA SHEET

EDITION: FEBRUARY 2025

A061 | **SILER PU HYBRID**

REPLACES ALL EARLIER VERSIONS

waterproofing
materials & primers

A₃

SILER PU HYBRID

pu hybrid elastomeric insulating
and waterproofing roof coating

- exceptional elasticity & strong adhesion
- resistant to temperature fluctuations
- solar reflective

SILER PU HYBRID is a water-soluble hybrid elastomeric sealant and water insulator based on acrylic polyurethane for moisture protection of horizontal and inclined surfaces. It is ideal for roofs, parapets, skylights, tiled roofs, gutters, etc. It perfectly covers capillaries and microcracks and effectively monitors the contractions and expansions of the surface. It is applied to surfaces such as cement, plaster, tiles, bricks, wood, bitumen, etc., creating an impermeable waterproof membrane (even from standing water) that maintains its elasticity even at very low temperatures. It prevents water from entering the interior of the building and exhibits excellent resistance to rain, snow, strong sun, sudden changes in temperature, humidity, mold and chemical pollution. It has great adhesion and high elasticity, without sticking to the surface. It has the ability to bridge existing and future small cracks so that the surface remains waterproof. It withstands both high temperatures and frost, remaining elastic from 50°C to below -20°C. It offers energy savings due to reduced use of heating media.

COVERAGE	2±1m ² /L
FINISH	SATIN
THINNING	0-5% WATER
DRYING TIME	2-3 hours*
RECOATING TIME	12-24 hours*
RECOMMENDED NUMBER OF COATS	2-3 coats
TOOLS	roller, brush or airless paint sprayer

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



TECHNICAL CHARACTERISTICS

TYPE	ACRYLIC AND POLYURETHANE (PU) RESINS	
SPECIFIC GRAVITY	WHITE	1,25 ±0,05g/cm ³
SOLIDS w/w (ISO 3251-03)		62±2 % *
VISCOSITY (ASTM D 562-05 @ 25°C)		KU 130±10 *
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)		KU 130±10 *
pH		8,5±0,5
HIDING POWER (ISO 3905)		90% 150µm wet film*
WHITENESS INDEX (ASTM E 313-05)		≥ 85
YELLOWNESS INDEX (ASTM E 313-05)		≤ 1,5
GLOSS (60°) (ISO 2813-99)		8±1
GLOSS (85°) (ISO 2813-99)		12±2
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/c: exterior walls of mineral substrate): 40 g/L (2010). This product contains max: 39 g/L VOC.

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PELLACHROM
DECORATIVE & MARINE COATINGS

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SURFACE PREPARATION

Carefully prepare surface to obtain good results. Surface must be clean, dry and free from loose or flaking material, dust, oils and salts.

- ▶ **New absorbing cement, plaster, roof slabs, brick, wood, bitumen:**
Prime with M51 PRIMER thinned up to 50-100% with water. Apply 2-3 coats of SILER PU HYBRID.
- ▶ **Sound previously painted substrates:**
Apply 2 coats of SILER PU HYBRID.

INTENDED USE

	PLASTER
	CONCRETE / CEMENT
	WOOD
	BITUMEN

APPLICATION

- ▶ Stir well before use and during application.
- ▶ Allow newly poured concrete to cure for 30 days, then prime with M51 PRIMER before painting with SILER PU HYBRID.
- ▶ For best results, surfaces should not be exposed to direct sunlight during paint application.

USEFUL INFORMATION

- ▶ Allow 30-40 days before coating new plaster or concrete.
- ▶ Do not paint when ambient temperature is below 5°C or if rain is expected.
- ▶ Allow 20-30 days before washing newly painted surfaces.
- ▶ Fills perfectly cracks in walls when mixed with sawdust or fine sand.

PACKAGING

- ▶ White. Containers of 750ml, 3L and 10L.
- ▶ White tinted to 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.

