

BETONYL SILER

elastomeric insulating and waterproofing roof coating

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

Water-based elastomeric insulating and waterproofing coating for the protection of horizontal and sloped surfaces against humidity. Ideal for roofs, parapet walls, light wells, ceramic tile roofs, gutters, etc. Covers hairline and minor cracks perfectly. Good ability to expand and contract with the substrate. Apply on concrete, plaster, roof slabs, bricks, wood, bitumen, etc. to create an impermeable waterproof membrane (resistant even to standing water) that maintains its elasticity even at very low temperatures. Protects building structure against water ingress. Extremely resistant to rain, snow, harsh sun, sudden temperature changes, humidity, mildew and chemical pollution. Great adhesion and high elasticity. Creates a non-sticky membrane. Bridges existing and future minor cracks ensuring a waterproof surface. Resistant to high temperatures and frost. Elastic properties maintained even at temperatures above 50°C and below -15°C. Energy saving due to the limited use of heating sources.

COVERAGE	2±1m ² /L
FINISH	SATIN
THINNING	0-5% WATER
DRYING TIMES	2-3 hours*
RECOATING TIMES	24-48 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	COPOLYMER STYRENE - ACRYLIC
SPECIFIC GRAVITY	WHITE 1.20 ±0,05gr/cm ³ RED 1.20 ±0,05gr/cm ³ RED BROWN 1.20 ±0,05gr/cm ³
SOLIDS w/w (ISO 3251-03)	60±2 % *
SOLIDS w/v (ISO 3233-98)	50±3 % *
VISCOSITY (ASTM D 562-05 @ 25°C)	KU 140±10 *
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)	KU 140±10 *
pH	8.40±0.3
HIDING POWER (ISO 3905)	96% 150μm wet film**
WHITENESS INDEX (ASTM E 313-05)	≥ 80**
YELLOWNESS INDEX (ASTM E 313-05)	≤ 2.5**
GLOSS (60°) (ISO 2813-99)	16±1 *
GLOSS (85°) (ISO 2813-99)	25±3 *
RECOMMENDED DRY FILM THICKNESS	200μm (±5μm) / 2 coats
ACCELERATED AGEING RESISTANCE (ASTM D 1849-03)	10/10 (1 month, 50°C)
APPLICATION TEMPERATURE	min 5°C-max 30°C

*differs depending on the shade.

**valid only for white.

REGULATION 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.

TECHNICAL DATA SHEET

EDITION: FEBRUARY 2019

A060 | BETONYL SILER

REPLACES ALL EARLIER VERSIONS

WATERPROOFING
MATERIALS

A₃

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 FERM (H₂O) thinned up to 50-100% with water. Apply 2-3 coats of BETONYL SILER.
- ▶ **Sound previously painted substrates:**
Apply 2 coats of BETONYL SILER.

INTENDED USE



APPLICATION

- ▶ Stir well before use and during application.
- ▶ Allow newly poured concrete to cure for 30 days, then prime with FERM (H₂O) before painting with BETONYL SILER.
- ▶ 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, Red and Red Brown. Containers of 750ml, 3L and 10L.
- ▶ White tinted to create thousands of different colour tints with our COLOR TOUCH Tinting System. To ensure product quality, always add COLOR TOUCH COLORANTS to D.G.K. Pellachrom Tinting System to create the tint of your choice.

STORAGE

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.

