

## TECHNICAL DATA SHEET

EDITION: NOVEMBER 2022

A021 | **BETONYL HYBRID (I-21)**

REPLACES ALL EARLIER VERSIONS

paints & primers  
for exterior walls

A<sub>2</sub>

# BETONYL HYBRID (I-21)

exterior acrylic paint

- high coverage and hiding power
- withstands frequent washing
- uniform finish

Acrylic paint suitable for exterior surfaces. Apply on concrete, cement mortar, plaster, etc. after careful surface preparation. Ideal for interior surfaces with particular washing and cleaning demands. Protects against adverse weather conditions. Good hiding power combined with high coverage and quick drying properties. Seals the surface allowing it to breath. Provides a smooth matt finish.

<b>COVERAGE</b>
11±2m <sup>2</sup> /L
<b>FINISH</b>
MATT
<b>THINNING</b>
10-20% WATER
<b>DRYING TIMES</b>
1-2 hours*
<b>RECOATING TIMES</b>
2-4 hours*
<b>RECOMMENDED NUMBER OF COATS</b>
1-2 coats
<b>TOOLS</b>
roller, brush or airless spay gun

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



## TECHNICAL CHARACTERISTICS

TYPE	ACRYLIC RESIN	
SPECIFIC GRAVITY	WHITE	1,43 ±0,05g/cm <sup>3</sup>
	BASE 01	1,48 ±0,05g/cm <sup>3</sup>
	BASE 02	1,41 ±0,05g/cm <sup>3</sup>
SOLIDS w/w (ISO 3251-03)	60±2 % *	
SOLIDS w/v (ISO 3233-98)	50±3 % *	
VISCOSITY (ASTM D 562-05 @ 25°C)	KU 120±10	
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)	KU 75±15	
pH	8,40±0,30	
HIDING POWER (ISO 3905)	97%   150µm wet film*	
WHITENESS INDEX (ASTM E 313-05)	≥ 87 *	
YELLOWNESS INDEX (ASTM E 313-05)	≤ 0,5 *	
WASH/SCRUB RESISTANCE (ASTM D 2486-06)	>7.500 stokes	
GLOSS (60°) (ISO 2813-99)	2,5±0,5 *	
GLOSS (85°) (ISO 2813-99)	10±5 *	
RECOMMENDED DRY FILM THICKNESS	75µm (±5µm) / 2 coats	
ACCELERATED AGEING RESISTANCE (ASTM D 1849-03)	10/10 (1 month, 50°C)	
APPLICATION TEMPERATURE	min 5°C-max 30°C	

\*valid only for white.

## 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 defective or non-cohesive material, dust, oils and salts.

- ▶ **New porous plaster, concrete, brick, cement:**  
Prime with FERM H<sub>2</sub>O thinned up to 50-100% with water. Apply 2 coats of BETONYL HYBRID (I-21).
- ▶ **Sound previously painted substrates:**  
Apply 2 coats of BETONYL HYBRID (I-21).

### INTENDED USE

■	PLASTER
■	CONCRETE/ CEMENT
■	GYPSUM BOARD
■	PUTTY

### APPLICATION

- ▶ Stir well before use and during application.
- ▶ Allow newly poured concrete to cure for 30 days, then prime with FERM H<sub>2</sub>O before painting with BETONYL I-21.
- ▶ 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.
- ▶ Tints are created exclusively using BETONYL HYBRID (I-21) bases in our COLORTOUCH tinting system. The addition of special COLORTOUCH COLORANTS is indispensable.

### PACKAGING

- ▶ White/ Grey. Containers of 750ml, 3L and 10L.
- ▶ Bases (01, 02): Containers of 750ml, 3L and 10L.
- ▶ Create thousands of different colour tints with our COLORTOUCH Tinting System. To ensure product quality, tint always the Base recommended by D.G.K. Pellachrom Tinting System.

### 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.

