



COROTECH® CLEAR ACRYLIC SEALER V027



Waterborne, transparent acrylic priming agent for reinforcement and priming gypsum surfaces and mineral plasters as well as protection of decorative effects, acrylic plasters and paint layer in interior and exterior environments. Semi-gloss.

BENEFITS & GENERAL DESCRIPTION:

Waterborne, universal (interior and exterior use), transparent, acrylic priming agent for priming of building substrates exposed in interiors and exteriors.

Due to the excellent reinforcing and penetrating properties product is suitable for use as a primer/sealer of gypsum surfaces (gypsum filling compounds, drywalls) weak mineral plasters before the Benjamin Moore priming paints application. If the substrate do not need color merging **COROTECH® CLEAR ACRYLIC SEALER V027** can be use as the only one, final primer.

Note: for the best result, use it in each case on gypsum substrates!

Product can also be used in form of protective clear coating over low gloss acrylic coatings (paint layers or plasters). It's excellent solution for protection of wall decorative effect (interior and exterior application). Moreover product can be tinted to achieve a special kind of glaze.

Primer can also be used **in form of lacquer on vertical wooden substrates** in interiors.

Primer ensures excellent reinforcement of gypsum substrates and weak, chalky mineral plasters, provides effective protection and resistance to weather conditions. Product reduces of topcoat consumption (saving time and money), equalizes and reduces substrate's absorption, reinforces the substrate, ensure excellent adhesion.

Coating features easy application, high durability, low-odor, low VOC content, rapid dry and is blister, alkali fume and fade resistant. Does not lift conventional coatings. Product can be diluted with clear water in proportion 1:1 - 1:4 (depending on surface structure, substrate absorption and application method).

PROPERTIES:

- **universal usage – interior and exterior**
- **excellent reinforcing the gypsum plasters and patching materials as well as weak mineral plasters**
- **reduces of topcoat consumption (saving time and money)**
- **equalizes and reduces substrate's absorption**
- **high durability and resistance to atmospheric conditions**
- **resistance to blistering**
- **improves the top-coat adhesion**
- **quick drying time**
- **possibility of diluting with water – significant cost reduction**

Technical information	
vehicle type:	acrylic dispersion
pigment type:	clear
volume solids:	11,9 %
coverage:	from 8 m ² /l depending on surface texture, porosity and absorbing properties, application method, proportion of dilution and painting tool used. NOTE: on very absorbent surfaces the performance will be lower. Test should be perform in order to determine the coverage of the given surface.
recommended film thickness:	
- wet	117 - 146 µm
- dry	12,6 - 17,7 µm
dry time (at temp. + 25°C and relative air humidity 50%):	
- to touch:	min. 1 hours
- to recoat (the next coat application):	min. 2 hours
- top-coat application:	min. 12 hours
- full cure and final resistance to wash in case of usage as a protection coat:	min. 14 days
dries by:	coalescence
viscosity:	80 KU
flash point:	none
gloss/sheen:	Semi-gloss (40 @ 60°)
colors:	product appears milky when applied; dries clear; possibility of tinting in Benjamin Moore tinting systems.
reaction to fire:	Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84.
painting surface temperature:	min +10°C, max. +32°C
thin with:	use clean water
clean up thinner:	clean water
weight per 1 l:	1,01 kg
storage temperature:	min. +5°C, max. +32°C
VOC:	EU VOC limit for this product (Cat. A/h): 30 g/l (2010). Max. VOC: < 30 g/l.
packaging*:	0,95 l, 3,78 l, 18,9 l

*3,78 L = 1 gallon; 0,95 L = ¼ gallon

RECOMMENDED FOR

Range of use: priming/impregnation: ● *interior walls and ceilings:* traditional cement-lime and cement plasters, gypsum filling materials, gypsum substrates, dry walls, construction building blocks, concrete and wood (protective coat over vertical wooden surfaces). Product can also be used in form of protective clear coating over low gloss acrylic coatings (paint layers or plasters) as well as for protection of wall decorative effect (interior and exterior application).

● *building facades (exteriors):* traditional mineral, cement-lime and cement plasters, thin-layered mineral and acrylic plasters in ETICS (External Heat Insulation Composite Systems), building blocks, concrete, acrylic paint layers and plasters impregnation, protection of decorative effects.

Surface preparation:

● *new surfaces:*

Interior walls and ceilings as well as exterior facades: new cement-lime and cement plasters and concrete must be allowed to cure at least 4 weeks. Surfaces finished with gypsum fillers or plasters can be decorated after their full drying and curing. Remove dirt, dust, wax, grease and oil spots and loose or weak parts of substrate. Exterior masonry must be power washed and dry. In case of chalky surfaces use a sandblasting.

Glossy surfaces must be dulled. All imperfections and cracks must be filled with a special patching compound, similar to original used one. Remove microorganisms (e.g. fungus and mildew) using a special agent.

Wooden, interior substrates:

Bare wooden substrates must be dry and correct seasoned. Remove dirt, dust, wax, grease and oil spots, tree saps and loose or weak parts of substrate. All imperfections and cracks must be filled with a special patching compound for wood. Remove microorganisms (e.g. fungus and mildew) using a special agent.

Warning: the priming is a technological requirement in case of not primed or not painted substrates.

● *previously painted surfaces:*

Remove dirt, dust, wax, grease and oil spots and loose or weak parts of paint layer and substrate. Glossy surfaces must be dulled. All imperfections and cracks must be filled with a special patching compound, similar to original used one. Remove microorganisms (e.g. fungus and mildew) using a special agent. Prepared in such way substrate prime with *COROTECH® CLEAR ACRYLIC SEALER V027*.

In case of paint layers impregnation the test should be performed on small surface area. Positive result, decides on application of the product on the whole surface.

Warning: latex paint must be fully cured (min. 30 days) prior to top coating with *COROTECH® CLEAR ACRYLIC SEALER V027*. Full cure and final resistance to wash in case of usage as a protection coat is achieved min. after 14 days.

For impregnation of acrylic paint layers and plasters use ready-mixed (not diluted) product.

APPLICATION

The substrate must be solid, completely dry, clean and free of dust. Depending on the type of surface, porosity, absorption properties and condition use a product in ready to use form or diluted with clean water in proportion 1:1 ÷ 1:4. In case of very absorbing substrates it's recommended to prime them twice: first coat in dilution 1:4 with water, second (on still wet surface) – 1:1.

Stir thoroughly before and during use. Apply with brush, roller or spraying gun. For airless method provide the following parameters: pressure 69÷103 bar and tip 0.011-0.015. Work using „wet in wet” system, avoiding creating overlaps. Technological breaks must be planned at the wall corners or other elements.

Do not apply on the substrates painted previously with limewash or glue paints.

Top coats from the Benjamin Moore & Co. offer apply after min. 12 hours after *COROTECH® CLEAR ACRYLIC SEALER V027* application.

It is recommended to use BENJAMIN MOORE or PREMIER painting tools and Frogtape® (with PaintBlock Technology®), KIP® or Painter's Matte Green® masking tapes.

Note: primer appears milky when applied; dries clear.

Weather conditions during and after application:

Carry out the painting work at the air and substrate temperature > +10°C. Do not apply under the direct sunlight, in the relative air humidity above 80%, during the rainfalls or when it's a risk of ground frost.

The optimal conditions: + 20°C and relative air humidity 50%. In hot weather dampen porous masonry with water just before *COROTECH® CLEAR ACRYLIC SEALER V027* application.

Drying time:

At the temperature of +25°C and relative air humidity 50% the coating dries approx. 1 hour. At mentioned weather conditions the next coat apply after min. 2 hours. Top coats from the Benjamin Moore & Co. offer apply after min. 12 hours after *COROTECH® CLEAR ACRYLIC SEALER V027* application. In case of usage in form of impregnation, the final technical parameters and resistance to washing with water are achieved after min. 14 day.

Clean up:

Wash painting tools in warm soapy water immediately after use.

Warning:

Use system: priming agent *COROTECH® CLEAR ACRYLIC SEALER V027* and/or priming paints and top coats from Benjamin Moore & Co. offer. Producer is not responsible for bad quality of the painted surface if the above instructions aren't obeyed. Producer is not responsible for the damages appeared in results of use over 3,78 l of primer, because to this quantity any defects of product should be demonstrated and notified in the proper point of sale.

ENVIRONMENTAL: Do not pour liquid residues into sewerage systems. They should be referred to specialized companies with appropriate authorization for disposal.

Empty cans and liquid waste should be recycled or disposed of in accordance with local regulations.

HEALTH & SAFETY INFORMATION: Do not eat. Keep out of reach of children. Avoid contact with eyes and prolonged contact with skin. In case of eye contact, flush immediately with plenty of water. In case of ingestion clean mouth with water and afterwards drink plenty of water. Consult a physician; show this container or label. Do not breathe spray mist or sanding dust. Use only with adequate ventilation. Ensure fresh air entry during application and drying. During application in closed spaces, wear the protective clothing, gloves and eye/face protection. In case of spraying method wear approved respirator. MSDS available on demand of consumer.

EXPIRE DATE: 4 years from the production date in the factory-sealed package The expire date is indicated on the packaging.

CERTIFICATES & APPROVALS:

- The product is qualified with Hygienic Certificate.



This specification is effective from: 03.2022.

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