

OXYD PRIMER

ACRYLIC PRIMER

DECORATIVE PAINTS & COATINGS



COLORTEK®

Description

OXYD PRIMER is a unique water-based acrylic primer. Unlike other primers, it is especially formulated to block Oxyd Patina Aging Solutions and Activators from reaching the metal, wood, or reactive substrate.

Recommended For

Interior & exterior applications on plaster, embossed wall coverings, gypsum board, concrete, cement rendering, ferrous metal, PVC piping, brickwork & block work.

Key Features

- Prevents oxidation from reaching substrates
- Prevents bleeding of alkali salts, tannins and acid salts to substrate
- Excellent cohesion between Oxyd finishes and primer
- Low VOC system
- Non-flammable

Physical Properties

Solvent Type	Waterborne
Finish Type	Primer
Spreading Rate	Approximately 7-8 m ² /kg depending on surface porosity and application techniques
Average Dry Time	30 min – 1 hour based on ASTM D 1640, full cure after 12 hours
Re-coatable	After 30 minutes
Flash Point	>93.33°C
Dry Film Thickness	Approximately 40 microns per coat, at least 80 micron film required for best protection
Thinner	No thinning is required
Adhesion	Classified 4B based on ASTM 3359-B for excellent adhesion
Density	1.20 g/cm ³
Viscosity	5,000 – 7,000 cP (spindle 3/ speed 10)
VOC	<100 g/L
pH	8 - 10
Bases	1 base

Surface Preparation

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. When required prime the surface with a suitable Colortek primer.

New plaster or masonry surfaces must be allowed to cure (28 days) before applying base coat. Cured plaster should be hard, have a slight sheen and maximum pH of 10; soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles.

CAUTION: Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. **EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH.** Always wear appropriate personal protective equipment during surface preparation, and finish cleanup of any residues by water-washing all surfaces.

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Primer Systems

SURFACE TYPE	RECOMMENDED COLORTEK PRIMER
Drywall	Oxyd Primer
Porous masonry	Oxyd Primer
Non porous masonry	Oxyd Primer
Wood	Oxyd Primer
Ferrous metal	Oxyd Primer
Non-ferrous metal	Specialty Primer, Oxyd Primer

Application Conditions

Do not apply at temperatures below 5 °C or when rain is expected.

Application Method

Stir well. Apply using roller, brush or airless spray in two coats.

Pack Size

- 1 US Quart – 0.92 Kg
- 1 US Gallon – 3.68 kg

Shelf Life

24 months from the date of production.

Storage and Handling

Care should be taken to avoid spillage. Store in a dry area. Protect from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

Safety

Use under well ventilated conditions. Do not breathe or inhale spray mist or sanding dust. Avoid skin contact; spillage on the skin should immediately be removed with suitable cleanser, soap and water. In case of eye contact, flush immediately with water for at least 15 minutes and medical attention sought immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

Cleaning

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with warm soapy water and rinse thoroughly. Do not empty product into drains or watercourses.

Technical Assistance

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at info@colortek.eu or check our website www.colortek.eu.

Disclaimer

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2008, Certificate CH12/1128.

The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted on the basis of the information supplied herein.

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