

OXIBOND 4005

PROTECTIVE VARNISH

WATERPROOFING RANGE



Description

OXIBOND 4005 is a transparent protective acrylic varnish with a variety of end uses, specifically in situations where a topcoat protective film is required.

Available in Flat, Satin and Gloss finishes.

Recommended For

Interior & exterior applications plaster, embossed wall coverings, gypsum board, concrete, cement rendering, brickwork, block work, natural stones, exterior textured finishes, decorative finishes, smooth finishes, glaze.

Key Features

- Anti-carbonation properties
- Crack-bridging
- Water & damp repellent
- Used as a shield for protection against all atmospheric influences
- Good dirt pick-up resistance
- Will stop the growth of mold & fungi

Physical Properties

Solvent Type	Waterborne	
Finish Type	Available in matt, satin and gloss	
Spreading Rate	Approximately 10 m ² / Kg	Depending on surface porosity and application techniques
Average Dry Time	Touch-dry in 1 hour / Full cure 72 hours	
Recoat	After 2 - 3 hours	
Dry Film Thickness	Approximately 40 – 60 microns	Depending on application properties
Thinner	5 – 20 % water	
Adhesion	Classified 5B	Based on ASTM 3359-B for excellent adhesion
Density	Approximately 1.00 g/cm ³	
Solids	30 %	
Viscosity	70 KU ±5	Stormer viscometer
VOC	Very low VOC content	Compliant with EU 2010 regulations maximum of 30 g/L.

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 any 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. No primer is required.

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 a maximum pH of 10. A 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 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 clean up of any residues by water-washing all surfaces.

COLORTEK®
Wall and Floor Fashion

info@colortek.eu
www.colortek.eu



OXIBOND 4005

PROTECTIVE VARNISH

WATERPROOFING RANGE



Application Conditions

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

Application Method

Stir well. Apply by using brush, roller or airless spray. Do not apply on a damp surfaces.

Apply 2 - 3 coats of 4005 depending on desired effect.

Pack Size

- 1 US Quart – 0.85 kg
- 1 US Gallon – 3.5 kg
- 1 US Drum – 17.5 kg

Shelf Life

24 months from the date of production.

Storage and Handling

Care should be taken to avoid spillage. Product should be stored in a dry area and protected 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 seek medical attention 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.