

# OXYD BRONZE, COPPER & IRON C/O

METALLIC PAINT

## DECORATIVE PAINTS & COATINGS



COLORTEK®

### Description

Oxyd is a water-based decorative paint specifically designed to achieve real rust effects on a variety of surfaces.

OXYD BRONZE has a high concentration of real copper and zinc particles.

OXYD COPPER has a high concentration of real copper particles.

OXYD IRON C/O has a high concentration of real iron particles.

### Recommended For

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

### Key Features

- Actual metal effects
- Accelerated metallic tarnish simulation
- Washable (after full curing and protective coat application)
- Low VOC product
- 4 natural oxidation effects to choose from
- Non-flammable

### Physical Properties

Solvent Type	Waterborne
Finish Type	Oxidized Metallic finish
Spreading Rate	Approximately 10 m <sup>2</sup> /kg/coat – 2 coats required
Average Dry Time	Dry to touch in approximately 1 hour based on ASTM D 1640
Recoat	After 30 minutes
Flash Point	NA
Dry Film Thickness	Approximately 40 microns per coat. An 80 microns film is required for hide and full color development (2 COATS)
Thinner	Bronze/ Iron: No thinning is required for roller & brush application. Thin up to 12% water for spray application. Copper: 20-30% water
Adhesion	Classified 4B based on ASTM 3359-B for excellent adhesion
Scrub Resistance	Using Oxyd Protection, Higher than 10,000 cycles based on ASTM D2486
Density	Bronze: 1.20 g/cm <sup>3</sup> Copper: 1.30 g/cm <sup>3</sup> Iron C/O: ~1.9 g/cm <sup>3</sup>
Viscosity	Bronze: 1,000 – 4,000 cP (Spindle 3/Speed 10) Copper: 1,000 – 4,000 cP (Spindle 3/Speed 10) Iron C/O: 15,000 – 20,000 cP (Spindle 6/Speed 20)
VOC	Very low VOC content - Compliant with EU 2010 regulations maximum of 30 g/L.
Bases	Bronze, Copper, Iron C, Iron O

### 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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Wall and Floor Fashion

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The Solution Inside



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### Primer Systems

SURFACE TYPE	RECOMMENDED COLORTEK PRIMER
Drywall	Colortek Primer, Soib Primer, PVA Primer
Porous Masonry	Colortek Primer, Soib Primer, PVA Primer
Non-Porous Masonry	Colortek Primer, Soib Primer, PVA Primer
Wood	Colortek Undercoat
Metal	Colortek Adhero, SX47 StopRust, AquaZinc

#### Notice

It is advisable to consult Colortek anti-corrosion leaflet or Colortek technical advisor for appropriate choice of product and application method.

### Application Conditions

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

### Application Method

Stir well. Apply using roller, brush and spray.

#### OXYD BRONZE & COPPER

1. Apply Oxyd Primer
2. Apply Oxyd Bronze or Copper in two coats allowing the surface to dry between each coat.
3. Apply Green or Blue Activator Aging Solution by spray while the second Oxyd Bronze or Copper coat is still wet (within 5 minutes) and brush it horizontal using tool Ref 809.
4. Apply Oxyd Protection diluted 200%.

#### OXYD IRON

1. Apply Oxyd Primer
2. Apply Oxyd Iron C/O in two coats allowing the surface to dry between each coat.
3. Apply Rust Activator by spray once Oxyd Iron coat has fully dried. Re-apply rust activator as needed to vary the effect.
4. Apply Oxyd Protection diluted 200%.

### Pack Size

	BRONZE	COPPER	IRON O/C
1 US Gallon	3Kg	3Kg	4.5Kg
1 US Quart	1Kg	1Kg	1.5Kg

### 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.

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### 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](mailto:info@colortek.eu) or check our website [www.colortek.eu](http://www.colortek.eu).

### Disclaimer

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2015, Certificate LB18/234269.

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.