

# MONOCOUCHE F & R

## COLORED PLASTER – MARBLE CHIPS PASTE

### DECORATIVE PAINTS & COATINGS



## Description

MONOCOUCHE F & R is a high-performance, weather resistant exterior decorative coating that cures to form a layer providing both decoration and weather protection.

## Recommended For

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

## Key Features

- No lead
- Non flammable
- Odorless
- Reduced dirt pick up
- Harsh weatherproof – long life
- One coat for fast application and short program periods
- Through colored for low maintenance
- Ready mixed - only water required to be added on site

## Physical Properties

<b>Solvent Type</b>	Waterborne
<b>Finish Type</b>	Monocouche F provides a uniformly fine & durable finish Monocouche R portrays a decoratively rough & durable finish
<b>Spreading Rate</b>	Approximately 0.5 m <sup>2</sup> /kg depending on surface porosity and application technique
<b>Average Dry Time</b>	Touch dry 1-2 hours based on ASTM D 1640
<b>Recoat</b>	24 hours
<b>Flash Point</b>	Not Applicable
<b>Dry Film Thickness</b>	1 - 4 mm depending on application technique
<b>Thinner</b>	No thinning required
<b>Adhesion</b>	Monocouche F – 5.21 MPa based on ASTM D4541 Monocouche R – 5.51 MPa based on ASTM D4541
<b>Density</b>	Monocouche R – 1.80 g/cm <sup>3</sup> Monocouche F – 1.68 g/cm <sup>3</sup>
<b>Solids</b>	Monocouche F – 77% Monocouche R – 69%
<b>Viscosity</b>	Monocouche F -230 000 – 280 000 cP (Spindle 96/Speed 10) based on ASTM D2196 Monocouche R – 170 000 – 230 000 cP (Spindle 7/Speed 10) based on ASTM D2196
<b>VOC</b>	Very low VOC content - Compliant with EU 2010 regulations maximum of 30 g/L.
<b>Bases</b>	Monocouche R 300/00 Urban Monocouche F 300/00 Vapor

## 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, dusted clean and primed 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. Knife off any protrusions and prime the 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.

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COLORTEK®

### Primer Systems

SURFACE TYPE	RECOMMENDED COLORTEK PRIMER
Drywall	Colortek Primer
Porous masonry	Colortek Sealer, Colortek Primer
Non porous masonry	Colortek Primer or Colortek Undercoat
Wood	Colortek Undercoat
Metal	Colortek Adhero, SX47 Stoprust, Aquazinc
Plaster and painted wall	Colortek Fondo F, Colortek Fondo R

### Application Conditions

Do not apply at temperatures below 5 °C or above 30°C, in damp/wet conditions, on elevations in direct sunlight or where the substrate is hot.

### Application Method

To maintain color consistency, panels should be completed in sequence around the building. MONOCOUCHE F is recommended for stainless steel trowel or spray application. MONOCOUCHE R is recommended for plastic trowel application. For external applications one coat of Colortek OXIBOND 4005 over the cured product must be applied for maximum water resistance. **Spray roughcast:** Depending on the required finished thickness, a first pass is spray applied to a minimum thickness of 10 mm and ruled level. A second texture pass is applied between 1 and 2 hours after the first to form a single monolithic coat with a minimum thickness of 15mm. **Scraped finish:** Apply Monocouche to the suitable substrate in a one or two-pass operation to a minimum thickness of 18 mm, or to a thickness of 15 to 25 mm. It should then be ruled level and allowed to harden for between 5 and 16 hours depending on weather conditions.

### Pack Size

	MONOCOUCHE F	MONOCOUCHE R
Gallon (KG)	5	5
Drum (KG)	25	25

### 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 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](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 9001:2008, 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.