

# Tersus<sup>®</sup> Color Coat

## COLORS

Available in standard and custom colors.

## PACKAGING

24.9 kg per 19-liter pail  
 (55 lbs per 5-gallon pail)

## COVERAGE

Approximate coverage rate: 84–130 m<sup>2</sup>  
 (900–1,400 ft<sup>2</sup>) per pail applied at 5-8 wet mils for a single coat.

Some applications may require two coats.

*Coverage rates vary depending on porosity of substrates and application techniques.*

## SHELF LIFE

Approximately 2 years, properly stored in original, unopened containers.

## SUBSTRATES

1. Concrete
2. Masonry
3. Cement plaster
4. Stucco
5. EIFS
6. Existing Coatings

## DESCRIPTION

Tersus Color Coat is a modified acrylic coating designed to provide excellent water repellency and enhanced resistance to environmental soiling. The water repellent properties of the coating make the surface hydrophobic as well as more resistant to mold and mildew. When rain water contacts the surface, it beads and carries away dirt, soil and debris in its pathway. The built in anti-soiling properties of the coating resist dirt and staining reducing maintenance costs and extending a building's aesthetic appeal.

## USES

1. Tersus Color Coat provides enhanced protection and an aesthetically pleasing surface color for a variety of wall surfaces.
2. Tersus Color Coat is suitable for exterior, above grade vertical and overhead surfaces.

## TINT BASES

Tersus Color Coat is available in Pastel, Medium, Deep and Clear tint bases.

FEATURES	BENEFITS
Highly water repellent	Enhanced weatherability
Enhanced mold and mildew resistance	Lower maintenance cost
Resists dirt pick up and soiling	Increased curb appeal
Modified acrylic polymer-based chemistry	Long-term durability and weather resistance
Vapor permeable	Cladding vapor control
Water-based and low VOC	Safe for workers and the environment

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## TECHNICAL SUPPORT

Consult Master Builders Solutions Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications. Consult the Wall Systems website at [www.master-builders-solutions.com/en-us](http://www.master-builders-solutions.com/en-us), for additional information about products and systems and for updated literature.

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## SURFACE PREPARATION

See product bulletins for mixing and application instructions for products referenced below. Chalky surfaces shall be cleaned and primed with MasterProtect P200 by Master Builders Solutions.

### ALL SUBSTRATES

1. Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and all bond-inhibiting contaminants. Remove and repair loose or damaged areas.
2. Clean and address cracks prior to application of Tersus Color Coat.

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## CEMENTITIOUS SUBSTRATES (STUCCO, CEMENT PLASTER, CONCRETE, MASONRY)

1. Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and all bond-inhibiting contaminants. Remove and repair loose or damaged areas.
2. Substrate should be fully cured. Allow concrete to cure a minimum of 28 days prior to application.
3. Repair any holes, spalled and damaged concrete with appropriate Master Builders Solutions by Master Builders Solutions repair materials. Allow appropriate cure time prior to coating.
4. Remove any protruding accessories and smooth out any surface irregularities.
5. High-pressure power wash surface (or abrasive blast on hard, dense surfaces) to create a profile of SP 3, per ICRI Guide 310.2. Allow surface to completely dry.
6. If needed apply Tinted Primer prior to application.
7. Stucco/Cement Plaster, if needed, prime stucco and cement plaster with Stuccoprime
8. Some stains may require chemical removal. Neutralize any cleaning compounds used and rinse with clean water.
9. Treat cracks greater than 1/32" with MasterProtect FL 746 by Master Builders Solutions or MasterProtect FL 748 by Master Builders Solutions. Treat cracks larger than 1/4"

as expansion joints and fill with Master Protect P200 by Master Builders Solutions sealant.

10. CMU must be fully cured and have a base coat of MasterProtect FL 749 by Master Builders Solutions. Alternately, apply a leveling coat of Master Builders Solutions Standard Base Coat, or Master Builders Solutions Hi Build Base Coat to provide a smooth surface prior to application.

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## EXISTING COATINGS, FINISHES

1. Substrates must be clean, dry, sound and free of loose material, releasing agents, contaminants and all bond-inhibiting contaminants. Remove and repair loose or damaged areas.
2. Check adhesion of old coatings according to ASTM D 3359, Measuring Adhesion by Tape Test Method A.
3. Remove any blisters or delaminated areas and sand edges to smooth rough areas and provide transition to old paint areas.
4. If needed, apply Tinted Primer.

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## MIXING

1. Mix the contents of the Tersus Color Coat pail with a low speed drill and paddle mixer until thoroughly blended.
2. Additives are not permitted.
3. Close container when not in use.
4. Clean tools with soap and water immediately after use.

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## APPLICATION

1. Apply a 1.2 m x 1.2 m (4' x 4') test area to verify acceptable color and adhesion before proceeding with any project. Adhesion shall be measured by ASTM Test Method D 3359 Procedure A, with a value of 4A or greater.
  2. Tersus Color Coat is applied continuously by roller, spray or brush until a uniform appearance is obtained over the entire wall surface. Always work to a natural break and maintain a wet edge at all times.
- ### ROLLER
- Apply Tersus Color Coat with a 10–13 mm (3/8–1/2") nap roller
  - Completely saturate the roller and keep it loaded with the coating to build the required mils. Never dry roll.
  - Cross roll, maintaining a wet edge, to achieve uniform thickness. Backroll in one direction for consistent appearance.

### SPRAY

- Airless spray equipment is available for spraying Tersus Color Coat.
- Contact equipment manufacturer for further recommendations.
- Backrolling in one direction after spray application is recommended to achieve uniform texture and film thickness.

### BRUSH

- Application by brush is recommended only for small inaccessible areas
  - If necessary, cut in the edges with a high-quality, paint brush. Brush out in all directions.
  - Use only a nylon brush.
3. For uniformity of color and texture, application techniques must be consistent throughout the project.
  4. One coat application: First apply Tinted Primer per product bulletin instructions then apply one coat of Tersus Color Coat.
  5. Two coat application: Allow the first coat to dry prior to application of the second coat.
  6. Weathered Tersus Color Coat can be recoated with Tersus Color Coat or acrylic coatings after cleaning the surface with a household detergent and rinsing with water. Surface must be thoroughly rinsed with clean water to remove all traces of detergent. Allow surface to dry completely before recoating.
  7. Confirm sealant adhesion prior to application of sealant primer and sealant to Tersus Color Coat.

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## CLEANUP

Clean all tools and equipment immediately with water. Cured material may be removed by mechanical means

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## DRYING TIME

- Times assume 21 °C (70 °F) and 50% relative humidity.
- Typically dry to touch within 2 to 4 hrs.
  - To recoat, allow minimum of 6 hours drying time per coat
  - Lower surface or air temperatures and higher relative humidity will extend the drying time.
  - Protect applications from rain and from temperatures less than 4 °C (40 °F) for 24 hours.

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## HYDROPHOBIC EFFECT

The hydrophobic effect is not immediate. It develops approximately 30 days after application through weathering and will vary based on environmental conditions and exposure.

### Test Results\*

TEST	RESULT
<b>% Solids</b> (by volume) ASTM D5201	41%
<b>Density</b> ASTM D1475	1.41 Kg/L (11.8 lbs/gal)
<b>Accelerated Weathering</b> ASTM G 155	2000 hours No deleterious effects
<b>Dirt Pickup Resistance</b> Miami Dade County TAS 143-95 section 7.8 (modified)	90% or greater reflectance retained after exposure to dirt
<b>Wash-Off Resistance</b> Master Builders Solutions Test	Good - Low temperature wash-off resistance
<b>Dirt Collection</b> ASTM D3719	61 days at 45° South exposure Dc Index = 98.0 (100 = Best Performance)
<b>Flexibility (7 mils wet application)</b> ASTM D522	No cracking 1/2" mandrel at 40 °F and 70 °F
<b>Mold / Mildew Resistance</b> ASTM D5590	30 day exposure Pass - No fungal growth
<b>Water Vapor Transmission</b> ASTM E96 (Wet Cup)	25 Perms
<b>Adhesion to Concrete</b> ASTM D7234	500 psi @ 28 days
<b>Wind Driven Rain Resistance</b> ASTM D6904	98mph wind driven rain - Pass, no water penetration One coat Tersus Color with Tinted Primer Two coats Tersus Color coat without primer

\* Test results are based on laboratory conditions. Reasonable variations can be expected

### LIMITATIONS

#### Application

- Do not apply if rain is expected within 24 hours before or after application.
- Do not apply in ambient temperature below 4 °C (40 °F) or when surface temperature is less than 3 °C (37 °F) above the ambient dew point temperature.
- Provide supplementary heat and ventilation during installation and drying period (at least 24 hours after installation and until dry) when temperature less than 4 °C (40 °F) prevails.
- Do not apply to frozen surfaces.
- Do not dilute or thin.
- Prime very porous or chalky substrates.
- Do not overcoat with solvent based materials.
- Do not use below grade, on horizontal surfaces or areas of ponding water.

- Application in direct sunlight in hot weather may adversely affect aesthetics; provide shading, if required.
- Do not exceed 8 mils wet film thickness per coat.
- Do not thin the material.
- Not for immersion service.
- Do not use as a replacement for Master Builders Solutions Finish on Master Builders Solutions EIFS or for touch-up.
- Make certain the most current version of product data sheet and SDS are being used; visit [www.wallsystems.MasterBuildersSolutions.com](http://www.wallsystems.MasterBuildersSolutions.com) to verify the most current version.
- Proper application is the responsibility of the user.
- For professional use only; not for sale to or use by the general public.

### ADDITIONAL INFORMATION

#### COLOR SELECTION

Color formulas containing organic colorants are more prone to fading in exterior applications.

#### GENERAL MAINTENANCE

Power wash surface with clean water at a maximum pressure of 500 psi. Do not use detergents to clean surfaces coated with Tersus Color Coat, unless recoating.

#### SHIPPING & STORAGE

Protect Master Builders Solutions materials during transportation and installation to avoid physical damage. Store Master Builders Solutions materials in a cool, dry place protected from freezing. Store at no less than 4 °C (40 °F). Protect from extreme heat and direct sunlight. Keep containers closed and tightly sealed.

#### STACKING

Do not stack pallets.

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**VOC**

<50 g/L (0.417 lbs/gal) less water and exempt solvents.

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**HEALTH, SAFETY AND ENVIRONMENTAL**

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting [www.master-builders-solutions.com/en-us](http://www.master-builders-solutions.com/en-us), e-mailing your request to [mbsbscst@mbcc-group.com](mailto:mbsbscst@mbcc-group.com) or calling +1 (800) 433-9517. Use only as directed.

**IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.**

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**LIMITED WARRANTY NOTICE**

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