Tersus® Color Coat

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.

TECHNICAL INFORMATION
Consult our Technical Services Department for specific recommendations concerning all other applications. Consult the BASF Wall Systems website, www.wallsystems.basf.com, for additional information about products and systems and for updated literature. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

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 BASF.

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.

TINT BASES
TERSUS COLOR COAT is available in Pastel, Medium, Deep and Clear tint bases.

COLOR
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 m² (900–1,400 ft²) 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.

SUBSTRATES
• Concrete
• Masonry
• Cement plaster
• Stucco
• EIFS
• Existing Coatings

FEATURES

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
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<tbody>
<tr>
<td>Highly water repellent</td>
<td>Enhanced weatherability</td>
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<tr>
<td>Enhanced mold and mildew resistance</td>
<td>Lower maintenance cost</td>
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<tr>
<td>Resists dirt pick up and soiling</td>
<td>Increased curb appeal</td>
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<tr>
<td>Modified acrylic polymer-based chemistry</td>
<td>Long-term durability and weather resistance</td>
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<tr>
<td>Vapor permeable</td>
<td>Cladding vapor control</td>
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<tr>
<td>Water-based and low VOC</td>
<td>Safe for workers and the environment</td>
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**Product Bulletin**
**Tersus® Color Coat**

**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 BASF 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 STUCCOPEM.
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 BASF or MasterProtect FL 748 by BASF. Treat cracks larger than 1/4” as expansion joints and fill with MASTER PROTECT P200 by BASF sealant.
10. CMU must be fully cured and have a base coat of MasterProtect FL 749 by BASF. Alternately, apply a leveling coat of BASF Standard Base Coat, or BASF Hi Build Base Coat to provide a smooth surface prior to application.

**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.

**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.

**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.
3. **Roller**
   1. Apply TERSUS COLOR COAT with a 10 - 13 mm (3/8 - 1/2”) nap roller
   2. Completely saturate the roller and keep it loaded with the coating to build the required mils. Never dry roll.
   3. Cross roll, maintaining a wet edge, to achieve uniform thickness. Backroll in one direction for consistent appearance.

**Spray**
1. Airless spray equipment is available for spraying TERSUS COLOR COAT.
2. Contact equipment manufacturer for further recommendations.
3. Backrolling in one direction after spray application is recommended to achieve uniform texture and film thickness.

**Brush**
1. Application by brush is recommended only for small inaccessible areas.
2. If necessary, cut in the edges with a high-quality, paint brush. Brush out in all directions.
3. Use only a nylon brush.
4. For uniformity of color and texture, application techniques must be consistent throughout the project.
5. Two coat application: First apply TINTED PRIMER per product bulletin instructions then apply one coat of TERSUS COLOR 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.
7. Allow surface to dry completely before recoating.

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

**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.

**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.

**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 that 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.
**TEST RESULTS**

<table>
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<tr>
<th>TEST</th>
<th>RESULT</th>
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<tr>
<td>% Solids (by volume)</td>
<td>41%</td>
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<tr>
<td>Density</td>
<td>1.41 Kg/L (11.8 lbs/gal)</td>
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<tr>
<td>Accelerated Weathering</td>
<td>2000 hours</td>
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<tr>
<td>Dirt Pickup Resistance</td>
<td>90% or greater reflectance retained after exposure to dirt</td>
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<tr>
<td>Wash-Off Resistance</td>
<td>Good - Low temperature wash-off resistance</td>
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<tr>
<td>Dirt Collection</td>
<td>61 days at 45° South exposure</td>
</tr>
<tr>
<td>Flexibility (7 mils wet application)</td>
<td>No cracking 1/2&quot; mandrel at 40° F and 70° F</td>
</tr>
<tr>
<td>Mold / Mildew Resistance</td>
<td>30 day exposure</td>
</tr>
<tr>
<td>Water Vapor Transmission</td>
<td>25 Perms</td>
</tr>
<tr>
<td>Adhesion to Concrete</td>
<td>500 psi @ 28 days</td>
</tr>
<tr>
<td>Wind Driven Rain Resistance</td>
<td>98mph wind driven rain - Pass, no water penetration</td>
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* Test results are based on laboratory conditions. Reasonable variations can be expected.

- 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 BASF Finish on BASF EIFS or for touch-up.
- Make certain the most current version of product data sheet and SDS are being used; visit www.wallsystems.basf.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 BASF materials during transportation and installation to avoid physical damage. Store BASF 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.

**Shelf Life**

Approximately 2 years, properly stored in original, unopened containers.
VOC
<50 g/L (0.417 lbs/gal) less water and exempt solvents.

HEALTH, SAFETY AND ENVIRONMENTAL
Read, understand and follow all Safety Data Sheets (SDS) and product label information for this product prior to use. The SDS can be obtained by visiting www.wallsystems.basf.com or e-mailing a request to bwscustomerservice@basf.com. Use only as directed.

WARRANTY
BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current product bulletin, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of BASF. In the absence of an extended warranty issued by BASF, any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

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