TuffCover™ UV

Structural Strengthening UV Protective Topcoat

1.01 DESCRIPTION
TuffCover™ UV forms a weatherproof barrier against nature’s harsh extremes. Steel and concrete structures expand and contract in response to the weather and structural stresses. Unlike typical exterior coating, this coating fills and bridges hairline cracks, helping to prevent damaging water penetration. It passes Federal Specification TT-C-555B, sec. 3.3.3, withstanding 98 mph wind-driven rain. This premium quality coating provides UV protection as well as aesthetic benefits. Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

UV should be applied within 48 hours of final application of TuffSaturant™. Filling in Cracks and Patching: Hairline cracks (1/16” or less or 0.16 cm) can be covered with this product.

1.02 USES
• Waterproof Masonry Coating

1.03 FEATURES
• 100% Acrylic Polymer
• Apply as Low as 35°F (1.67°C)
• Bridges Hairline Cracks
• Gives Mold, Mildew, & Algae Resistant Coating
• High-Build Coating
• Lifetime Flexibility – Won’t Crack or Peel
• Self-Priming
• Soap & Water Clean-up
• Superior Adhesion on Any Surface
• Superior Alkaline Resistance
• UV Resistant
• Withstands Wind-Driven Rain

1.04 PACKAGING
1 gallon (3.78 liters) can – 4 per carton
5 gallon (18.9 liters) pail
55 gallon (208 liters) drum

1.05 COVERAGE GUIDE
Smooth Surface: 130 sqft/gallons or 3/4 gallon/sqft or (0.31 liter/sqm)
Rough: 90 sqft/gallons or 1 1/4 gallon/sqft or (0.51 liter/sqm) 16 mil (410 microns) wet, 7 mil (178 microns) dry

1.06 COLOR
White and Dove-tail Grey
Available in a broad range of colors and textures for design versatility upon request.

1.07 PREPARATION
Apply coating to clean, sound surfaces. Large cracks, crumbling areas or water damage may need professional repair.
Cleaning the Surface: Old or existing surfaces; remove dirt, grease, mildew, algae, efflorescence and loose, peeling coating. TuffCover™

1.08 MIXING
Prior to use, mix TuffCover™ UV at slow speed with drill and mixing paddle to ensure uniform color and aggregate disbursement and to minimize air entrapment. In multi-pail applications, mix the contents of each new pail into the partially used previous pail to ensure color consistency and smooth transitions from pail to pail.

1.09 APPLICATION
Roller: Roller is the preferred method of application. For best results, use a quality 1-1-1/4” (2.54-3.19 cm) nap synthetic roller cover. Always roll with a fully loaded wet roller (never dry roll). Do not stretch this coating. Be sure all low spots and gaps are covered. It is normal for painted surfaces to show roller marks.
Air Sprayer: Use 1-2 gallons/minute (3.78-; capacity pump at 2500 psi minimum with a 0.025 tip. Adjust pressures to suit your needs. Always follow spray application by back-rolling with a wet applicator. This will ensure that the coating is worked into the surface. Thin with water for spray application (no more than 8 oz. per gallon), if needed.
Brush: Brush on is not recommended. Use brush only for small touch-ups. Paint only when surface and air temperatures are between 35–90°F (2–32 °C). Use a paint paddle to stir coating up from the bottom of pale. Intermix containers of the same color only. Apply this product heavily to achieve best weatherproofing characteristics.

1.10 DRY TIME
Dry time is 1 hour to touch, 4 Hours to recoat at 77°F (25°C) @ 50% relative humidity.

1.11 CLEAN UP
Clean all tools and equipment immediately with water or PSI’s Envio-Clean™. Cured material may be removed by mechanical means.
Please read all information in the General & Safety Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. PSI Products are for “Professional Use Only” and preferably applied by professionals who have prior experience with the PSI Products or have undergone training in application of PSI Products. Published technical data and instructions are subject to change without notice. Contact your local PSI representative or visit our website for current technical data, instructions, and project specific recommendations.

LIMITED WARRANTY

PSI warrants its products to be free of manufacturing defects and that they will meet PSI current published physical and chemical properties. Seller’s sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PSI of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PSI shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PSI shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PSI reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user’s responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and PSI makes no claim that these tests or any other tests, accurately represent all environments.

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1.12 STORAGE AND SHELF LIFE

The material should be stored between 40-95°F (4-35°C) in a cool, dry area away from direct sunlight. Shelf life of properly stored, unopened containers is 24 months. Excessive temperature differential and or high humidity can shorten the shelf life expectancy.

1.13 LIMITATIONS

Do not freeze. Keep container closed when not in use. Do not transfer contents to other containers for storage or disposal. In case of spillage, absorb with inert material such as sand or kitty litter. Dispose of contaminated absorbent, container and/or unused contents in accordance with local, state, and federal regulations.

READ SDS PRIOR TO USING PRODUCT. KEEP OUT OF THE REACH OF CHILDREN.

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