

**westcoat**<sup>®</sup>  
SPECIALTY COATING SYSTEMS

**PRODUCT  
SPECIFICATION**

**TC**

**TEXTURE COAT**  
DECORATIVE TEXTURED SURFACES

**TC-78 Temper-Crete™ UV Topcoat Cement**

**Description**

Westcoat TC-78 Temper-Crete™ UV Topcoat Cement is a specially formulated cement and aluminum oxide blend, designed for use with the Temper-Crete™ UV Topcoat.

**Uses**

TC-78 is designed to be combined with EC-28 Temper-Crete™ UV Topcoat Urethane and CA-28 Temper-Crete™ UV Topcoat Catalyst, to create a UV resistant, 100% Solids, cementitious, aliphatic urethane topcoat. It is designed as an optional topcoat in the Temper-Crete™ SLB and RTB Systems.

**Advantages**

USDA/FDA/ADA Compliant ▪ Thermal Shock Resistant ▪ Low Odor ▪ Fast Turnaround ▪ Chemical Resistant ▪ Heat Resistant ▪ UV Resistant

Product Data			
<b>Packaging</b>	6 lb bag	<b>Color</b>	White
<b>Coverages</b>	140-160 sq. ft. per mix	<b>Mix Ratio</b>	Mix 6 lb bag of TC-78 with 209 oz kit of EC-28/CA-28
<b>VOC Content</b>	0 gm/l	<b>Shelf Life</b>	6 months in unopened package

**Inspection**

Please refer to the desired System Specification Sheet for further information regarding inspection.

**Preparation**

The Temper-Crete™ UV Topcoat is designed to be applied over the Temper-Crete™ Coat and broadcast in the Temper-Crete™ SLB and RTB systems. Ensure that the Temper-Crete™ Coat is dry and that all loose sand is removed from the surface, prior to applying the Temper-Crete™ UV Topcoat. Please refer to the desired System Specification Sheet for further information regarding Surface Preparation.

**Moisture**

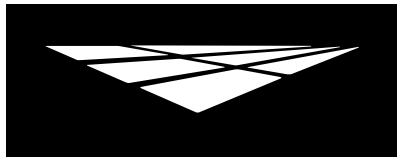
All concrete should be tested for moisture before applying a seamless coating. If moisture emissions exceed 15 lbs/1000 square feet (ASTM F1869) or if the relative humidity (RH) exceeds 90% (ASTM F2170), contact the manufacturer before application.

DISCLAIMER: PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.



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1 of 3  
TC-78 6/22



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### **Mixing**

All materials should be conditioned at 60-75F degrees for a minimum of 24 hours, before use. Pre-mix EC-28 Temper-Crete™ UV Urethane parts A and B individually. In a clean vessel, mix the entire contents of EC-28 part A and CA-28 Temper-Crete™ UV Topcoat Catalyst for 15 seconds with a mechanical mixer. Slowly add one bag of TC-78 UV Cement and thoroughly mix the materials until a homogeneous mix is attained (~60 seconds). Next add EC-28 part B and mix for an additional two minutes, while being sure to scrape the sides of the vessel while mixing. Failure to properly mix materials may result in an inconsistent finish and can affect how the material flows and performs.

### **Applying Product**

Apply the Temper-Crete™ UV Topcoat mixture onto the surface using a squeegee or rubber float at a rate of 140-160 square feet per mix and back roll with a 3/8 inch nap roller cover. Ensure an even application and avoid leaving puddles or dry spots. Material must be applied thin and do not allow the material to puddle.

### **Dry Time**

Light foot traffic should be permitted after 18 hours. Heavy traffic and exposure to moisture and chemicals should be permitted after 72 hours. All dry times based on 72F degrees. Colder temperatures will prolong dry times. For more information on Dry Times, please refer to the appropriate System Specification sheet.

### **Clean Up**

Uncured material can be removed with an environmentally-safe solvent. If cured, material can only be removed mechanically.

### **Health Precautions**

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation. All products have the potential of causing skin irritations or allergic reactions. Cements contain silicas; dust mask or respirator should be used when mixing, sanding or grinding. Be careful not to get on skin, clothes or in eyes. Glove and respirators are strongly recommended. Avoid breathing vapors. If splashed in the eye, flush with warm water and contact a physician if blurring persists.

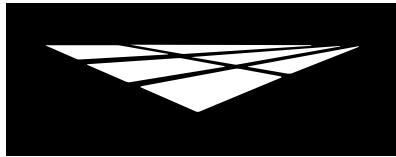
Extinguish all pilot lights and sources of ignition, such as electrical motors. Be sure to have adequate cross ventilation prior to installing.

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2 of 3  
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#### **Limitations**

- This system is designed for professional use only, by experienced applicators.
- Read System Specification Sheets for every product you will be using before beginning the project.
- Be sure to do adequate surface preparation.
- Avoid application while ambient and substrate temperatures are climbing, as pinholes may appear.
- Be sure to measure and mix properly. Do not overmix material.
- May be slippery when wet.
- Do not apply to wet surfaces.
- Temper-Crete™ will have a mottled finish.
- Be aware of the pot life of mixed material. Once materials are combined, immediately remove mix from mixing vessel.
- Do not apply in temperatures below 50°F or temperatures above 75°F. Hot or Cold weather will effect dry times.
- Do not apply material in direct sunlight. This can cause early surface dry, which can cause the surface to expand and crack.
- Approval and verification of proposed colors, textures and slip resistance is recommended.
- Do not allow Westcoat products to freeze.

#### **Slip Precaution**

Westcoat Specialty Coatings Systems highly recommends the use of a slip-resistant additive to all coatings/systems that may be exposed to wet, oily, greasy or slippery conditions. It is the end user's responsibility to provide a flooring system that meets current safety standards. Westcoat and its distributors will not be responsible for injury incurred during a slip and fall incident. For the current coefficient of friction requirements, please consult your local building codes.

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3 of 3  
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