

Revised: November 29, 2022

## PRODUCT INFORMATION

PRODUCT DESCRIPTION			APPLICATION		
<p><b>CEMLACK MTR</b> is a fast setting, cement based mortar that is microsilica enhanced and fiber filled to provide superior strength and durability over traditional concrete. This high strength formulation can be used as a slope/fill material under Sherwin-Williams resinous floor systems or as a stand alone topping mix, simply add water and mix.</p>			<p><b>As a Topping:</b> Begin by preparing the substrate. Substrate must be sound and free from laitance, loose particles, dust, dirt, from oils, paints, curing compounds or any thing that would be a barrier to the existing concrete. Remove deteriorated concrete, and/or anti-adherents by mechanical means i.e.: chipping, sandblasting, grinding, shot blasting, etc. The use of a long open time epoxy bonding agent is recommended.</p> <p><b>For Placing:</b> Use similar placement/forming techniques as conventional concrete.</p> <p><b>Primer:</b> Apply GP3579 at 200-250 feet per gallon, allow to cure a minimum of one hour prior to placing the Cemplack MTR. If the GP3579 is to cure over night, 30 mesh sand should be broadcast into the wet resin at a rate of 0.15-0.25 pounds per square foot to provide a mechanical anchor for the Cemplack MTR.</p> <p><b>Mixing:</b> Begin by adding cool, clean water to the mixing vessel at a rate of 3.5 to 4 quarts per 65 lb. bag of Cemplack MTR. Add powder and mix to a smooth, lump free, low slump consistency. Avoid a soupy mix: excess water will reduce the strength and durability. For applications greater than 2" add 20 lbs 7310 pea gravel per 65 lb bag of Cemplack MTR.</p> <p><b>For best results:</b> In cold weather use warm (not hot) water for mixing. Dampen the surface of the work area before applying the new material. For a rough or non-slip surface, use a wooden float or broom. For a smooth finish, use a steel trowel. Avoid over troweling. For proper curing, keep moist for 3 days with an occasional fine spraying with water or cover with wet burlap or plastic. The use of a curing compound conforming to ASTM C-309 will also work; however curing compounds will need to be mechanically removed prior to coating. (Check with the coating manufacturer.) Hot weather: (above 80°F) will cause faster setting; mix with cold water or ice to slow setting time.</p> <p><b>Coverage:</b> Approx. 0.53 cu. ft. per 65 lb. bag ; 32.5 sq. ft. @ ¼ inch ; 16.25 sq. ft. @ ½ inch</p>		
ADVANTAGES			ORDERING INFORMATION		
<ul style="list-style-type: none"> <li>Rapid setting</li> <li>Low permeability</li> <li>1/4" - 2" thick without the addition of aggregate</li> <li>High strength</li> <li>Recoat in 18 hours</li> </ul>			<p>Packaged in 65 lb. bags.</p>		
TYPICAL USES			CLEAN UP INSTRUCTIONS		
<ul style="list-style-type: none"> <li>Concrete repair</li> <li>Slope or fill under resinous systems</li> <li>Overlayment</li> </ul>			<p>Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water.</p>		
LIMITATIONS			SAFETY		
<ul style="list-style-type: none"> <li>For applications greater than 2", contact your Sherwin-Williams representative</li> <li>Do not install at less than 35°F</li> <li>Do not add additional water to "temper" the mix</li> <li>Above 80°F use cold water, below 40°F use warm water</li> <li>Will not repair moving cracks or joints</li> </ul>			<p>Refer to the SDS sheet before use. Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p>		
PERFORMANCE CHARACTERISTICS			DISCLAIMER		
Test Name	Test Method	Results	<p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.</p>		
Compressive Strength	ASTM C109, 28 days	5,840 psi	WARRANTY		
Splitting Tensile Strength	ASTM C496, 28 days	480 psi	<p>The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.</p>		
SURFACE PREPARATION					
<p>Concrete surfaces shall be abrasive blasted to remove all surface contaminants and laitance. The prepared concrete shall have a surface profile equal to CSP 4-6.</p> <p>After initial preparation has occurred, inspect the concrete for bug holes, voids, fins and other imperfections. Protrusions shall be ground smooth while voids shall be filled with a system compatible filler. For recommendations, consult your Sherwin-Williams representative.</p>					
STORAGE AND HANDLING					
<p><b>Shelf Life:</b> 24 months in the original unopened container.</p> <p><b>Storage:</b> Store in a dry area away from direct sunlight. The product should be conditioned to between 40°F and 95°F before use.</p>					