



CIM Color Shield Topcoat | Technical Data Sheet

TWO-COMPONENT, LIQUID APPLIED, UV-RESISTANT COATING

DESCRIPTION	ADVANTAGES
CIM Color Shield Topcoat is a durable, fast curing, low VOC topcoat for waterproofing membranes. This two-component, liquid applied polyaspartic coating bonds strongly to CIM systems to form a seamless, thin film that provides a decorative finish for applications. CIM Color Shield Topcoat is available in white, gray, light blue, light tan and dark tan.	<ul style="list-style-type: none">• Chemically stable and physically durable in extreme environments; resistant to abrasion, weather, and UV exposure• Simple and safe cold, liquid application• Excellent self-leveling properties on horizontal applications• Easy application to complex shapes, multiple penetrations, tie-ins, repairs and/or existing CIM systems• Excellent adhesion to CIM waterproofing membranes• Impervious to water & most aqueous chemicals• Long term performance under demanding conditions• Supplied in pre-measured, premix & activator units

INSTALLATION

Surface Preparation

- Surfaces must be clean, dry, sound, and free of oil, dirt, dust, and debris. Additional surface preparation may be required. Please see the CIM application guides for specific instructions, installation requirements, and recommendations.

Substrate Compatibility

- CIM Color Shield Topcoat can be used on all CIM systems.

APPLICATION CONDITIONS

Ambient Temperature	50°F minimum (10°C)
Surface Temperature	50°F minimum (10°C), must be 5°F (3°C) above the dew point
Material Temperature	60°F to 100°F (15°C to 38°C)
Mix Ratio	1:1 by volume
Mixing Time	3 full minutes, medium speed with mechanical mixer (Jiffy Mixer)
Working Time*	45-60 minutes
Film Thickness	14 mil wet minimum
Coverage Rate	1 gal/100 ft ²
Time to Recoat *	2-4 hours

*These times are typical when the temperature is 77°F (25°C), times will vary with differing temperatures. CIM Color Shield Topcoat may not be diluted with any solvent.

Equipment

Roller, brush, notched squeegee

PROPERTIES

Property	Test Method	Typical Value
Adhesion to CIM	ASTM D7234	>350 psi
Appearance	Visual	Smooth, glossy finish
Extension to Break	ASTM D412	30%
Hardness, Shore D	ASTM D2240	65 ± 5
Minimum Thickness		12 dry mils
Water Absorption	ASTM D570, Long Term	<0.8%
Tear Strength	ASTM D624 (Die C)	1700 lb/in
Tensile Strength	ASTM D412	4700 psi
Weathering	ASTM D822	Pass 5000 hours
VOC	EPA method 24	0.83 lb/gal < 100 g/L

PACKAGING

Product	Packaging	Weight	Volume
CIM Color Shield Topcoat Premix	1-gal plastic jug	10.6 lb (4.8 kg)	1 gal (3.8 L)
CIM Color Shield Topcoat Activator	1-gal plastic jug	8.9 lb (4.1 kg)	1 gal (3.8 L)

HANDLING & SAFETY INFORMATION

CLEANUP: Use solvent for clean-up of uncured material. Cured material is very difficult to remove.

PRECAUTIONS: Avoid contamination with water or moisture. Keep all containers tightly closed until ready for use. Do not apply in wet weather or when rain is imminent. Mix only what can be applied within the working time, excess material in the container can exotherm to high temperatures.

Please see the CIM Color Shield Topcoat Premix and the CIM Color Shield Topcoat Activator safety data sheets for detailed safety and storage information.

WARRANTY & LIMITATION

Contact CIM Industries for specific recommendations and instruction guides.

WARRANTY & LIMITATION OF SELLER'S LIABILITY C.I.M. Industries Inc. (C.I.M.)

Warrants that for a period of five (5) years from the date of shipment to the initial purchaser, the products, when mixed in proper ratios for the proper length of time, (a) will not become brittle or crack and (b) will provide a water barrier. Due to application variables beyond C.I.M.'s control which may affect results, C.I.M. makes no warranty of any kind, expressed or implied, including that of merchantability, other than that the products conform to C.I.M.'s current quality control standards at time of manufacture. If breach of warranty is established, the buyer's exclusive remedy shall be repayment of the purchase price of the non-conforming CIM membrane product or, at C.I.M.'s option, resupply of conforming product to replace the non-conforming product. The buyer expressly waives any claim to additional damages, including consequential damages.

DISCLAIMER

The information provided herein is for general product selection purposes only. It does not constitute specifications, performance data, or any representation or warranty regarding the product's fit, form, function, merchantability, or fitness for a particular purpose. This information shall not be relied upon for engineering, design, or application decisions. Seller expressly disclaims all implied warranties, including merchantability and fitness for a particular purpose.

All responsibility for determining the suitability of the product for any intended use rests solely with the purchaser. The purchaser assumes all risks associated with such use, including compliance with applicable laws, regulations, and standards.

Under no circumstances shall the seller be liable for any loss, damage, cost, expense, or any incidental, indirect, special, punitive, or consequential damages of any kind, including but not limited to lost profits, business interruption, or claims by third parties, arising from or related to the use of, or inability to use, the product, regardless of the legal theory asserted.

No oral or written statements, marketing materials, or other communications shall create or modify any warranty or obligation. The only applicable warranty and terms of sale are those expressly stated in Seller's official Terms and Conditions of Sale, which exclusively govern all transactions and contain the Seller's limited warranty. No other terms, conditions, or representations shall apply.