



Product Data Sheet
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TOP COAT CERAMIC®

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Description

TOP COAT CERAMIC® is an acrylic co-polymer single component elastomeric roof coating, designed as a finish coat for use over new and existing smooth surfaced or granulated built up, modified bitumen, spray polyurethane foam roof and single ply roofing systems. When used with the **FC BASE COAT**, plywood, concrete and metal roof substrates can also be effectively waterproofed.

Where to Use

Above grade, interior and exterior applications where U.V reflective coatings will be required. is designed to bond to most known substrates found in the **Construction, Civil, Mining, Agricultural, Marine, Automotive, Safety, Industrial, Military, Protective, Commercial/ Residential** industries.

Advantages

Environmentally Friendly: Meets and or exceeds all parameters set forth by the EPA.

- ❖ **Cost Efficient:** By using the **FC BASE COAT(90 sq' per gallon)** and **TOP COAT CERAMIC® (140 sq' per gallon)** the overall usage of materials is greatly reduced. In turn recoating is eliminated and Labour costs are reduced.
- ❖ **Performance:** The outstanding coefficient of expansion and contraction allow for bonding and conformity to irregular surfaces.
- ❖ **Dependability:** System is monolithic without seams or overlaps that would compromise the functionality of the product.
- ❖ **Curability:** **FC BASE COAT** will begin to cure immediately upon completion of application. Humidity levels will greatly affect full curing of the material. **TOP COAT CERAMIC®** will reach a full cure with in 24 hours at 70°F with 50% relative humidity and, **if re coating of TOP COAT CERAMIC® is required, this must be completed before a full cure has been reached.**

Properties

Solids by weight: (D1644)	76.50%
Solids by Volume: (D2697)	67.50%
Elongation at Break:	185%

To Use

Surface Preparation

All grease, oils, latency, and foreign deposits shall be removed from all surfaces to which the **TOP COAT CERAMIC®** will come in contact.

Any substrates shall be roughened to the extent that it does not present a smooth surface, which would impede the bond of the primer coat to the substrate. All dust, loose particles, flaking coatings shall be removed by sandblasting, water blasting or other suitable means. (Refer to Cantex Coatings Ltd. Training Manual for further information). Some substrate surfaces may require mechanical roughening to ensure proper bond of the coating. (Consult you Cantex representative)

All free-standing water shall be removed from surfaces prior to application and allowed to completely dry.

Mixing Time

TOP COAT CERAMIC® shall be mixed for no less than 10 minutes for a 5 gallon pail, or 5 minutes for a 1 gallon can. Using an appropriate mixer (not exceeding 500 rpm) and proper mixing paddle.

Application

TOP COAT CERAMIC® requires no thinning and can be applied by using airless spray equipment (Grayco 3400 is the recommended system). To ensure a pinhole free and proper film build of this ceramic material each application of material shall be applied in a perpendicular direction to the previous material.

For smaller areas not practical for spray applications, brush or rollers may be utilized.

Limitations

Damage to any unused material may result in the event of freezing. **TOP COAT CERAMIC®** shall **not** be applied in temperatures where the possibility of freezing will be reached. If the product has not had sufficient curing time at recommended temperatures the membrane can crack and require recoating of the membrane when temperatures are constantly above freezing for 10 days. It also must be applied and allowed to cure before rain and or dew occur.

Clean Up

Recommended that water be used for personal clean up. Mineral spirits, for equipment and tools.

Protective

TOP COAT CERAMIC® contains limited V.O.C's yet it is still recommended that proper protective clothing, gloves and breathing filters are used while applying and handling this material. Remove soiled clothing and wash before reuse.

First Aid

Wash off with soap and water, or use baby oil to remove from skin. If ingested consult a physician. Never use Gasoline for any clean up.

For more information, consult Cantex Coatings Ltd. Material Safety Data sheet.

TOP COAT CERAMIC[®]

KEEP OUT OF REACH OF CHILDREN


THIS PRODUCT IS INTENDED FOR PROFESSIONAL USE ONLY

The information, and in particular, the recommendation relating to the application and end-use of Cantex Coatings Ltd. products, are given in good faith based on the most current knowledge and experience of the products when properly prepared, stored and used under normal conditions with in the specified shelf life. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from all this information, or from any recommendations, or from any other advice offered. All orders are accepted subject to our current terms of sale.

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 COOL ROOF RATING COUNCIL®		Initial	Weathered
	Solar Reflectance	0.84	Pending
	Thermal Emittance	0.91	Pending
	Rated Product ID Number	0001	
	Licensed Seller ID Number	00962	
	Classification	Production Line	
	<p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p>		

