

Ceramic Cover Thermacote System

A waterbourne insulating coating utilizing engineered ceramics



Features

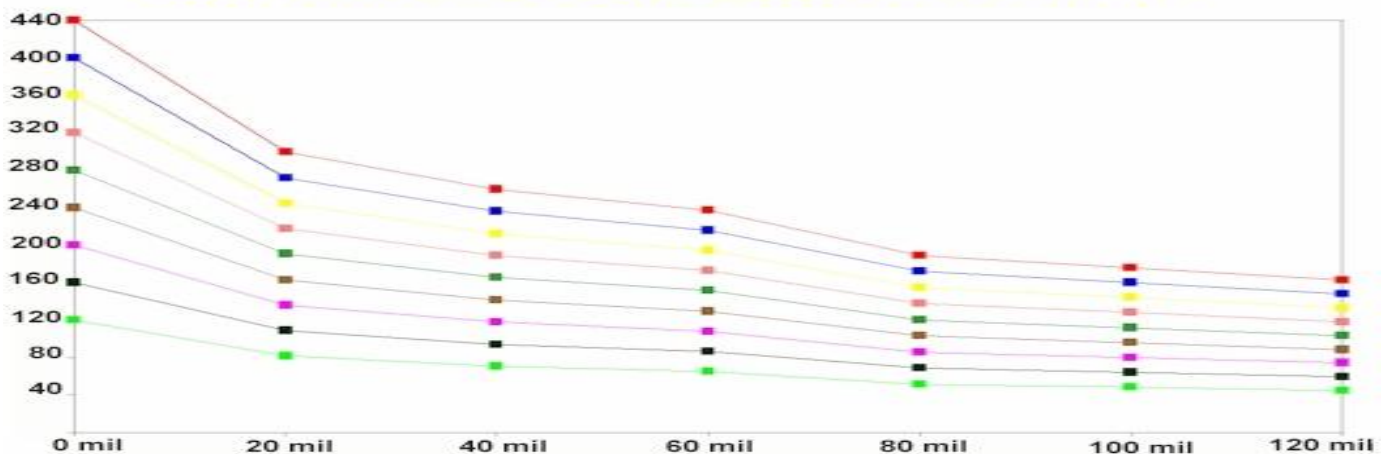
- ✓ Easy application with standard Spray Equipment
- ✓ Can be applied on hot surfaces without shutdown
- ✓ Easy to inspect, repair and maintain
- ✓ No primer required
- ✓ Superior adhesion & flexibility
- ✓ Unaffected by most chemicals

Benefits

- ✓ Replaces bulky conventional insulation
- ✓ Eliminates Condensation & Corrosion Under Insulation
- ✓ Reduces surface temperatures for Personnel Protection
- ✓ Cannot be infested by insects or pests
- ✓ Sound Damping
- ✓ Wind & Waterproof
- ✓ Environmentally friendly (no VOCs)
- ✓ Predictable engineered results at a fraction of the cost of conventional insulation



CERAMIC-COVER DELTA T CHART



AVAILABLE IN 19 COLORS

ThermaCote® is the perfect primer or topcoat on new or existing sheetrock, wood, glass, plastic, concrete or steel projects (including CUI in industrial applications). Helps seal the envelope of any structure whether residential, commercial, interior or exterior, with a 0-Flame spread.



CoolColors

SPRAY-APPLIED WEATHER BARRIER, CORROSION PROTECTION

CHARACTERISTIC	DESCRIPTION
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EXTERIOR

COMMERCIAL/INDUSTRIAL RESIDENTIAL

ThermaCote® is a spray-applied weather barrier, which in the simplest terms could be described as a high-performance coating that looks just like flat latex paint when dry.

ThermaCote® conserves energy and incorporates ceramic technology to seal the envelope of a structure and prevent the transfer of heat and cold.



240-446-4698

Appearance	Creamy Liquid	
C*I*r	Bright White	*See reverse side for Cool Color options
C*verage (1020 mils)	50 ft ² /gallon	
Drying Time	1 to 2 Hours at 70° F with Humidity <G0%	
Flash P*int	No Flash to Boil	
Maximum Surface Applicati*n Temperature	300° F/149° C	
pH	8.45-9.50	
S*uids by V*lume	80% ±4	
Specific Gravity	0.594	
Thickness	0.020"	
Visc*sity	3,500-8,000 cps	Using Brookfield viscometer with #3 spindle at 12 rpm
VOC	0.0099 lbs/gallon (1.18G g/l)	
Weight *f N*n-V*latiles	43%	
Weight per Gall*n	5 lbs	
ENVELOPE	TEST METHOD	RESULTS
Air Permeance	ASTM E-2178	0.0001 L/(s•m ²) at 75 Pa (0.00002 cfm/ft ² at 1.5G lb/ft ²)
Flame Spread	ANSI/UL 723	0
Sm*ke Devel*ped	ANSI/UL 723	5
M*isture Vap*r Barrier	ASTM D-1G53	0.0755
Water Vap*r Permeance (Desiccant Meth*d)	ASTM E-9G	207 ng/(Pa•s•m ²) 3.G17 perms
Water Vap*r Permeance (Water Meth*d)	ASTM E-9G	387 ng/(Pa•s•m ²) G.779 perms
GENERAL PROPERTIES	TEST METHOD	RESULTS
Accelerated Aging	ASTM G-53	200 Hour Passed
Cr*ss Hatch Adhesi*n	ASTM D-3359	100
Density (g/cm ³)	ASTM D-792	0.41
EI*ngati*n (Elasticity)	ASTM D-882	G5%
Emissivity	ASTM C-1371	0.88 initial 0.8G 3 year
N*rmal Emittance	ASTM E-408	.94
Pull Adhesi*n (Meth*d B-C*ncrete)	ASTM D-4541	1,447 kPa 209.9 psi
Pull Adhesi*n (Meth*d B-Plyw**d)	ASTM D-4541	1,348 kPa 195.G psi
Reflectivity	ASTM C-1549	0.83 initial 0.75 3 year
S*lar Reflectance Index	ASTM E-1980	9G
Tensile Strength (lb/in ²)	ASTM D-882	GG.7
Water Resistance	AATCC 127	No water leakage at 55 cm

*All data derived from testing done on ThermaCote® in the original Bright White finish.

Visit Us On The Web

www.Powerbackupservices.com





COLOR CHART
SPRAY APPLIED WEATHER BARRIER CORROSION PROTECTION



Sand Beige #26



Buff #45



Latte #47



Oyster #42



Slate #43



Dusk #25



Cappuccino #41



Mocha #40



Charcoal #24



Primrose #39



Sienna #46



Silk Grey #49



Mountain Fog #48



Light Sky #37



Sonoma Green #38



Miami Green #32



Buttercup #44



Safety Yellow #23

ALSO AVAILABLE IN THERMACOTE® ORIGINAL BRIGHT WHITE

NOTE: Colors shown represent the actual color as closely as is possible. Actual samples are available upon request.

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