

CERAMA-TECH 100
Cerama-Tech of Texas
117 Silver Spur Dr.
Denison, TX, 75021
(903) 465-1299

Description – A water and ceramic based, acrylic, elastomeric coating for use on all interior wall and ceiling surfaces, all exterior wall and roof surfaces (except wood shingles), attics and attic ducting, foundations and anything that can be painted. Exceptional bonding ability. Salt water and sea spray have zero effect on Cerama-Tech.

RECOMMENDED USES - New or previously painted or oxidized metal, wood, concrete, stucco, brick, masonry, plaster, plastic, interior gypsum board, metal and flex ducting, AC units, water heaters, piping, metal heat ducts, walk-in freezer and refrigerators, etc.

COLORS – Base White, A. Cannot be tinted to D-Base or darker colors.

FINISH – Matte Linen finish.

PACKAGING –
5-GALLON CONTAINERS

SURFACE PREPARATION - In accordance with application specifications.

PRIMER – In most cases a primer will not be needed. When it is needed, use a good quality water based acrylic primer.

APPLICATION – Brush, roll or strong gas spray rig. Ambient and surface temperatures cannot be below 40-degrees F for the first 72 hours. Relative humidity cannot be above 80%. Clean up with soap and water.

DRYING TIME - 2 hours to touch, 8 hours for re-coat of same color Cerama-Tech. To apply a different color Cerama-Tech over new coat, 72 hours for first coat to cure to ensure no bleed-through.

Coverage - Coverage rates vary depending on the substrate. **Refer to application instructions** or contact Cerama-Tech of Texas.

MIL THICKNESS – This will vary depending on spread rate. In most cases wet thickness will be 12 –20 mils, dry thickness will be 7 to 12 mils. On some roofing materials and their absorption level, the wet mil thickness may be more, contact Cerama-Tech of Texas or refer to application instructions.

THINNING - CERAMA-TECH IS WATER BASED BUT CANNOT BE THINNED. One cup of water added to 5-gallons will ruin this product.

Composition –

Base Material – copolymer acrylic latex

Solids by volume – 44%

Solids by weight - 58.5%

VOC - 115.0 g/l

Weight per gallon - 12.5 Pounds

Testing

Tensile strength - 220 psi

Permeance - 4.98 perms (ASTM – E-96)

Elongation - 300 to 500% at break
(ASTM D-2370)

Solar Reflectivity- .83 (Hemispherical Directional
Reflectance - ENERGY STAR Qualified)

Emissivity - .90 for wood and metal (ASTM E-408)

Flame Spread – (ASTM E-84) – ZERO

Smoke developed index – 5

Steady ignition DID NOT OCCUR

Weatherometer – 3,000 hours

Durability – Excellent

Color retention – Excellent

Grain Crack Resistance – Excellent

Film Integrity – Excellent