

## GUIDELINES FOR APPLYING MODEL KDC-E-162 DAMPING COMPOUND

1. **Surface Preparation:** Substrate to be sprayed or troweled with KDC-E-162 Damping Compound should be free of all grease, oil, dirt, scale, excessive moisture, etc., if sandblasting is required. Wash Surface after to assure removal of any oil films, or dirt left over after operation.
2. **Mixing:** Because of the uniform mixture of the compound, no separation of any consequence should be noticed; consequently, no stirring should be required. It is not necessary to further thin the compound for application, but if desired, a small amount of water can be added, but it is cautioned to stir until thoroughly blended at a very slow rate of speed.
3. **Application:** Compound can be sprayed or troweled using an airless high-pressure pump. It is suggested for large volume applications:

Pump Ratios be 20:1, 30:1, or 40:1 and  
Tip Sizes, minimum: 0.051

A typical recommended unit would be a Grace 30:1 Bulldog Pump using a #543 nozzle. Material can also be applied by large volume conventional type spray equipment using a 1/4" tip size.

4. **Coverage and Thickness:** A coverage rate of 11.4 sq. ft./gal. Is attained at a 9/64" wet thickness. At 1/8" wet thickness, the coverage is eight (8) gallons per 100 sq. ft. Coating should be applied at least 1 to 1-1/2 times the metal thickness it is used upon to attain the most effectiveness of the damping action. If thicknesses of the Kinetics Damping Compound are required that are greater than 1/8" thick, it is suggested that Model KDC-E-162 be applied in built-up coats with each being dry to the touch before the next is applied.
5. **Drying Time:** A 9/64" thick coating is dry to the touch within twelve (12) hours and completely air-dries to a hard, firm surface in 24 to 40 hours. This drying time is under normal atmospheric conditions of temperature and humidity. If the temperature is cooler and humidity higher, a longer curing time will be necessary.  
  
Drying time can be accelerated by the application of heat. Maximum recommended temperature is 150° F.
6. **Temperature and Storage Limitations:** Since this is a water-based emulsion, it is recommended storing in areas above freezing temperatures (32° F). There is no shelf life limit on the KDC-E-162 since there is no separation of the materials used in its compound that would spoil and since there is no water layering or separation.
7. **Clean Up:** Model KDC-E-162 Damping Compound can be cleaned from tools and surfaces with the use of water.