

2100 CURE	Resin-Base, Water-Base Concrete Curing Compounds
DESCRIPTION	<p>The 2100 Cure Water-Base Concrete Curing Compounds are formulated from hydrocarbon resins and may be used on interior, exterior, vertical and horizontal concrete surfaces. Once applied, they form a liquid membrane that retains an optimum amount of water present in freshly placed concrete to allow complete hydration of the cement. NOTE: After approximately 4 weeks, the membrane begins to chemically break down. When the curing cycle is complete, the membrane will eventually dissipate from the surface. This process usually takes another 3 to 5 weeks under normal traffic, exposure to UV and weathering conditions.</p> <p>The 2100 Cure meets maximum Volatile Organic Compound (VOC) content limits of 350 g/L for Concrete Curing Compounds as required by the U.S. EPA Architectural Coatings Rule.</p>
USES	The 2100 Cure has been used on both interior and exterior applications where paint, resilient tile or resilient flooring was applied later. Because of the wide variety of paints and adhesives for carpeting and resilient tile in use, contact the manufacturer of flooring system for application approval over resin-type curing compounds. A small test application is also recommended.
TECHNICAL DATA	<p>DRYING TIME Dries in approximately 1 -1 1/2 hours. Restrict foot traffic for at least 4 hours; 12 hours is preferable</p> <p>FLASH POINT Greater than 210°F (99°C)</p>
COVERAGE	Approximately 200 sq.ft/gal. (4.91 sq.m/L).
PACKAGING	5 gallon (18.93 Liter) Pails 55 gallon (208.20 Liter) Drums
SPECIFICATIONS	ASTM C309, Type 1, Classes A & B (Type 1-D, also available) AASHTO M 148, Type 1, Classes A & B (Type 1-D, also available)
FEATURES/BENEFITS	<ul style="list-style-type: none"> •When properly applied, they produce an impermeable film which optimizes water retention •Furnished as ready - to - use, true water-base compounds •Produce hard, dense concrete...minimizes hair-checking, thermal cracking, dusting and other defects •Enhance the functional capabilities of concrete by “sealing in” the performance assets of strength and long life •Offer a compressive strength significantly greater than improperly cured concrete •Increase tensile strength for greater resistance to cracking and surface crazing •Improves resistance to abrasion and corrosive action of salts and chemicals....minimizes excessive shrinkage •Can be applied quickly and easily with conventional, commercial spray equipment. <p>Formulations are also available with red fugitive die added VOC compliant..... actual VOC content is less than 200 g/L</p>

APPLICATION	<p>Preparation Application equipment must be clean and free of all previously used materials.</p> <p>Mixing For optimum performance, gentle mixing or agitation is recommended. CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY. In the container, the curing compound appears ivory in color; however, it dries to clear, transparent coating with a very slight amber tint.</p> <p>Method of Application Apply in a uniform film to horizontal surfaces as soon as the surface water disappears and the surface will not be marred by walking workmen. On vertical surfaces, apply promptly after the forms are removed. May be applied with a typical commercial hand or power sprayer. Use a Chapin 8005, or equivalent, spray tip that produces a flow of 1/2 gallon (1.89 liters) per minute under 40 psi (.276 Mpa) of pressure.</p> <p>Clean up Prior to drying, clean up can be accomplished with soap and water. Once dried, it will be necessary to clean up with Mineral Spirits or other suitable petroleum distillate.</p>
PRECAUTIONS	<p>KEEP FROM FREEZING. Do not apply if concrete temperature is less than 40°F (4°C). DO NOT MIX WITH COMPOUNDS CONTAINING SOLVENT -- SEPARATION WILL OCCUR. DO NOT AD OR DILUTE WITH ANY OTHER COMPOUND. SURFACE MAY DISCOLOR AND / OR YELLOW DUE TO OVER-APPLICATION. Do not paint or apply 2100 Cure surface without first checking the specifications and securing the approval of the paint or resilient flooring manufacturer.</p>
HEALTH AND SAFETY	<p>Direct contact may result in mild irritation. Refer to MSDS for complete health and safety information.</p>