

**EXPERT SOLUTIONS FOR  
CURING AND SEALING CONCRETE**

# EXPERT SOLUTIONS FOR CURING AND SEALING CONCRETE



## THE CURING AND SEALING PERFORMANCE YOU DEMAND. THE ENVIRONMENTAL RESPONSIBILITY YOU EXPECT.

There's more to properly curing and sealing concrete than just meeting ASTM standards. And there's more to clean air than just EPA compliance in national and local markets. Euclid Chemical offers a full range of curing and sealing products that meet the toughest environmental and performance standards in the marketplace today. Euclid Chemical has the expertise and can help with your curing and sealing solutions:

- Low odor products which reduce liability during application
- High solids products offering the best possible cure and longest life
- Sealers that meet Resilient and Ceramic Tile Institute specifications for subsequent flooring applications
- Products guaranteed not to yellow in sunlight
- USDA approved products
- Penetrating and film forming sealers that protect concrete
- Products that meet clean air standards anywhere in the U.S., including California and the OTC region

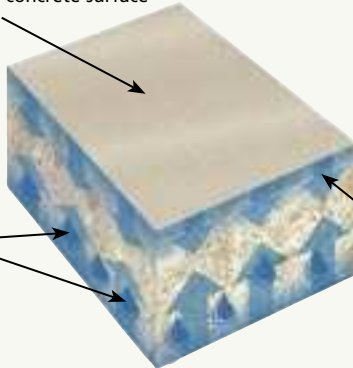
We encourage you to contact us with your questions and concerns.



## CURING PRODUCTS

Curing Compounds form a film on the concrete surface

Moisture held within the concrete ensures proper hydration of the cement



The curing film reduces evaporation and increases humidity within the concrete

All Euclid Chemical products designed for curing meet both the requirements of ASTM C-309 and the requirements of the Federal EPA Clean Air Act. These products are easy to apply and are cost-effective. They leave a clear film and ensure an excellent cure for long life concrete performance. In addition, they can be easily removed and re-coated with other appropriate sealers. Euclid Chemical curing compounds offer a choice of reduced and low odor products for use in environments where solvent usage would be objectionable.



## SEALING PRODUCTS

Euclid Chemical offers a comprehensive line of high performance penetrating and film-forming sealers. They improve the cosmetic appearance of the concrete while protecting it from environmental damage such as salt and acid rain degradation. Available for application on vertical and horizontal surfaces.



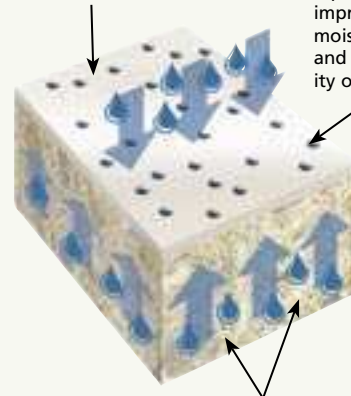
### Euclid offers three types of sealers:

- Penetrating silane and siloxane based products, that chemically react within the capillaries of the concrete and shield the surface from intrusion of salt and water.
- Acrylic and epoxy sealers which form a glossy film on the surface, improve appearance and reduce dusting and concrete staining.
- Silicate and silicate based densifiers that penetrate and chemically react with the concrete to improve hardness and reduce tire marking.

These products are available in low-odor formulations for use in commercial buildings, residential construction or interior concrete areas where ventilation is poor.

Epoxy sealers offer a thicker and tougher film for superior wear and chemical resistance

Sealers are specifically designed to repel liquids. This results in improved chemical and moisture resistance and improves durability of the concrete



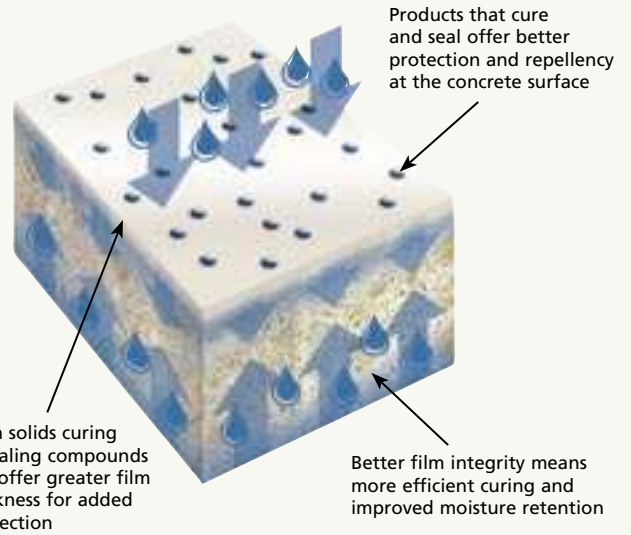
Penetrating sealers are breathable and allow moisture in cured concrete to escape. This reduces the risk of rebar corrosion





## CURING AND SEALING PRODUCTS

Curing alone does not provide sufficient long-term protection for concrete. Proper curing and sealing is important not only for design strength achievement but also for surface durability. All Euclid Chemical products designed for curing and sealing meet the requirements of ASTM C-309 or ASTM C-1315. Each product was formulated for specific applications and incorporate the latest technology for high gloss, hard film and VOC compliancy. Euclid Chemical's curing and sealing line includes solvent-based, reduced odor and low odor products for all application environments. All meet the latest EPA / AIM requirements.



Curing Products	Advantages
KUREZ DR VOX Dissipating compound	<ul style="list-style-type: none"> <li>Dissipates after four to eight weeks</li> <li>Complies with ASTM C-309</li> <li>Meets CA and OTC air quality standards</li> </ul>
KUREZ W VOX General purpose, solvent free	<ul style="list-style-type: none"> <li>Low odor</li> <li>Complies with ASTM C-309</li> <li>Meets CA and OTC air quality standards</li> </ul>
KUREZ VOX - White Pigmented Low odor, solvent free curing compound	<ul style="list-style-type: none"> <li>Meets AASHTO M-148, Type 2</li> <li>Meets CA and OTC air quality standards</li> </ul>

Curing and Sealing Products	Advantages
REZ-SEAL® Membrane forming acrylic	<ul style="list-style-type: none"> <li>Dustproofing</li> <li>Resistant to yellowing in sunlight</li> </ul>
SUPER REZ-SEAL® High solids acrylic membrane	<ul style="list-style-type: none"> <li>Durable</li> <li>Resistant to yellowing</li> <li>Complies with ASTM C-1315</li> </ul>
DIAMOND CLEAR Clear film	<ul style="list-style-type: none"> <li>Guaranteed non-yellowing</li> <li>Blush resistant</li> </ul>
SUPER DIAMOND CLEAR Durable clear film	<ul style="list-style-type: none"> <li>High solids</li> <li>Guaranteed non-yellowing</li> <li>Complies with ASTM C-1315</li> <li>Blush resistant</li> <li>Best for architectural and decorative concrete</li> </ul>
SUPER FLOOR COAT Wear resistant acrylic blend	<ul style="list-style-type: none"> <li>High (30%) solids</li> <li>Excellent curing efficiency</li> <li>Durable film</li> <li>Complies with ASTM C-1315</li> </ul>
SUPER FLOOR COAT COLORED Pigmented acrylic blend	<ul style="list-style-type: none"> <li>High (30%) solids</li> <li>Excellent durability</li> <li>Complies with ASTM C-1315</li> </ul>
DIAMOND CLEAR VOX Acrylic blend	<ul style="list-style-type: none"> <li>Reduced odor</li> <li>High gloss</li> <li>Guaranteed non-yellowing</li> <li>Meets CA and OTC air quality standards</li> </ul>
SUPER DIAMOND CLEAR VOX High solids, acrylic blend	<ul style="list-style-type: none"> <li>Reduced odor</li> <li>Guaranteed nonyellowing</li> <li>Complies with ASTM C-1315</li> <li>Durable film</li> <li>Meets CA and OTC air quality standards</li> </ul>
AQUA-CURE VOX Low odor, acrylic compound	<ul style="list-style-type: none"> <li>Resistant to yellowing</li> <li>Meets CA and OTC air quality standards</li> </ul>
SUPER AQUA-CURE VOX High solids, low odor acrylic compound	<ul style="list-style-type: none"> <li>Resistant to yellowing</li> <li>Complies with ASTM C-1315</li> <li>Meets CA and OTC air quality standards</li> <li>Durable film</li> </ul>
EUROCURE VOX Acrylic cure & seal	<ul style="list-style-type: none"> <li>Cost effective</li> <li>Resistant to yellowing</li> <li>Complies with ASTM C-1315</li> <li>Meets CA and OTC air quality standards</li> </ul>

Sealing Products	Advantages
EUCO DIAMOND HARD Liquid silicate sealer	<ul style="list-style-type: none"> <li>Improves surface hardness</li> <li>Blush resistant</li> <li>Reduces tire marking</li> </ul>
EUCO-GUARD Family of Products	<ul style="list-style-type: none"> <li>The most effective chloride shield available</li> <li>Does not significantly change the appearance of concrete</li> </ul>
EUCO #512 VOX Water-based epoxy sealer	<ul style="list-style-type: none"> <li>Chemical and wear resistant</li> </ul>
WEATHER-GUARD Siloxane sealer	<ul style="list-style-type: none"> <li>Easy to apply</li> <li>Long lasting</li> <li>Water and salt repellent</li> <li>Does not change the appearance of concrete</li> </ul>
EVERCLEAR 100% acrylic sealer	<ul style="list-style-type: none"> <li>Breathable, glossy sealer</li> <li>Protects and beautifies decorative concrete</li> </ul>



## PERFORMANCE ADVANTAGES

PRODUCTS	ASTM C-309	ASTM C-1315	AASHTO M-148	NCHRP 244	Ultraviolet Resistance USDA	Blush Resistance	Non-Yellowing CA & NJ Compliant	Reduced Odor	Low Odor	Dissapating Pigmented	Chemical Resistance	Penetrating
<b>CURING</b>												
Kurez DR VOX	X		X		X			X	X	X	X	
Kurez W VOX	X		X		X			X	X	X		
Kurez VOX White Pig.	X		X		X			X	X	X		X
<b>CURING &amp; SEALING</b>												
Rez-Seal	X		X		X	X	X					
Super Rez-Seal	X	X	X		X	X	X					
Diamond Clear	X		X		X	X	X	X				
Super Diamond Clear	X	X	X		X	X	X	X				
Super Floor Coat	X	X	X		X		X					X
Super Floor Coat Colored	X	X	X		X		X				X	
Diamond Clear VOX	X		X		X	X		X	X	X		
Super Diamond Clear VOX	X	X	X		X	X		X	X	X		
Aqua-Cure VOX	X		X		X	X		X	X	X		
Super Aqua-Cure VOX	X	X	X		X	X		X	X	X		
EucoCure VOX	X		X		X	X		X	X			
<b>SEALING</b>												
Euco #512 VOX					X			X	X	X		X
Diamond Hard					X		X	X	X	X		X
Euco Guard VOX					X	X		X	X	X		X
Euco Guard 100/200					X	X		X				X
Euco Guard S-40					X	X		X				X
EverClear					X	X		X				



### The Euclid Chemical Company

19218 Redwood Rd. • Cleveland, OH 44110  
Toll-free: [800] 321-7628 • Fax: [216] 531-9596

www.euclidchemical.com



An **RPM** Company

American Made. American Owned.

The Euclid Chemical Company serves the global building market as an ISO 9001:2000 supplier of specialty products and support services for the concrete and masonry construction industry. Marketed under the EUCCO name, we offer a full line of admixtures, repair and maintenance products based on the latest technologies. We provide complete specification assistance and laboratory support as well as on-site service for guidance on proper product usage. EUCCO materials are warehoused in over 200 locations in the USA and are available world-wide through international affiliates.

**B 36 Cure and Seal 8.05 10M** © 2003 The Euclid Chemical Company. All rights reserved. The information contained herein is, to our knowledge, true and accurate. While this material is furnished in good faith, no warranty expressed or implied, of merchantability, completeness, fitness or otherwise is made. This material is offered only for your consideration, investigation and verification, and The Euclid Chemical Company disclaims any liability incurred from the use thereof and shall not in any event be liable for any special, incidental or consequential damages arising from such use. This information is not intended to be all inclusive and the manner and conditions of use and handling of any material may involve other or additional considerations specific to the use or user. Nothing herein should be construed as permission or recommendation to infringe any patent or as to any specific use. No agent, representative or employee of this company is authorized to vary any term of this notice.