



LITHIUM CURING TECHNOLOGY

Vapor Control



- ✔ **15-YEAR WARRANTY AVAILABLE**
- ✔ **CONTROLS ALKALINITY**
- ✔ **CONTRIBUTES TO LEED CREDITS**
- ✔ **GREENGUARD® CERTIFIED**



VC5™ application to cure freshly placed concrete slab scheduled for VCT and rubber-backed carpet.

PRODUCT DESCRIPTION

SINAK VC5™ is a lithium based concrete curing treatment that protects against flooring failure due to moisture and alkalinity emanating from the concrete.

BENEFITS

- ✔ Identical Results to Water Curing
- ✔ Appearance and Surface Profile are Uneffected
- ✔ No Coating or Film
- ✔ Prevents Cure Related Cracking
- ✔ Compatible with all Bond Breakers, Patching Compounds, Underlayments, ect.
- ✔ Overspray on reinforcement steel does not require removal.



VC5™ replacing blanket-cure on high-rise project

COMPATABLE SURFACES

- ✔ Carpets (All types)
- ✔ VCT, Sheet Goods
- ✔ All Adhesives
- ✔ Epoxy
- ✔ Paint
- ✔ Polishing Processes
- ✔ Stains (All types)
- ✔ All Surface Applied Coatings



VC5™ was used to cure a 59,479 square meter hospital project sceduled to recieve moisture sensitive flooring.

WARRANTY

A 10-year or 15-year labor and material warranty is available for all flooring and surface treatments.



CANZAC®

PO Box 3181, Christchurch, New Zealand

Phone: 03 343-4254 • Fax: 03 343-4237 • Freephone: 0800 422 692

info@canzac.com • www.canzac.com



ENVIRONMENTAL BENEFITS

- NO VOC's
- GREENGUARD® Children and Schools certified.
- Listed as Super-Compliant by the South Coast Air Quality Management District (SCAQMD).
- Exceeds the regulatory limits in the SCAQMD Rule 1113.
- Exceeds the requirements to qualify for LEED credit in the following areas: **EQ Credit 1.0, 4.1 and 4.3, EQ Credit 10 3.1, MR Credit 5.1 and 5.2**

For verification of qualification
<http://www.aqmd.gov/prdas/Coatings/super-compliantlist.htm>
www.greenguard.org

VC5™ is water based and requires no mixing, diluting, or agitation. Color: Water clear; Toxicity: Non-toxic; VOC: Contains NO volatile organic compounds.

APPLICATION

VC5™ is applied using a low-pressure tank-type, drum, or airless sprayer. See label or Product Information Sheet for detailed instructions.

COVERAGE

Coverage rate usually ranges between 14-19 square meters per liter for machine troweled surfaces (finished application). Rates vary due to substrate and environmental conditions. See Product Information Sheet for more details.

PRODUCT HANDLING & STORAGE

VC5™ has an indefinite shelf life but must be protected from freezing.

TESTING

Testing of VC5™ is the most comprehensive in the industry and has been conducted with two primary objectives: (1) to establish and prove superior performance; and (2) to ensure a close and consistent correlation between laboratory and field results.

ASTM F 1869 - MVER Moisture Vapor Emission		
2.3kg. or less		Complies
1.36kg or less (w/V-Poxy™)		Complies

ASTM C 156 Water Retention		
Standard	Criteria	VC5
ASTM C 309	0.55	Complies
AASHTO M148	0.55	Complies

BS 1881 Part 116 Compressive Strength		
Water-Cure		60 mPa
VC5 Cure		62 mPa

BS 1881 Part 5 1970 Initial Surface Absorption of Concrete		
Sample	Water	VC5
Avg mm/m ² /sec	0.11	0.10

AASHTO T 277-93/ASTM C 1202-94 Rapid Chloride Permeability		
Sample	Water	VC5
Avg (coulombs)	4002	2971

PRODUCT AVAILABILITY

VC5™ is available in 18.9-liter plastic pails, 208-liter plastic drums and 1041-liter totes.

TECHNICAL SUPPORT

Technical assistance is available from manufacturer.

PRECAUTIONS

This product may stain certain types of glass, metals, and other materials which should be protected from spillage and overspray.

WARRANTY

A labor and material warranty is available for up to 15-years for all floor covering materials when installed by a certified SINAK VC5™ installer. Contact Sinak Corporation for complete details.



PO Box 3181, Christchurch, New Zealand
 Phone: 03 343-4254 • Fax: 03 343-4237 • Freephone: 0800 422 692
info@canzac.com • www.canzac.com