



## Product Data Sheet

# ALLIED

## AC 309A VOC CONCRETE CURING AND SEALING COMPOUND

### DESCRIPTION

AC 309A VOC is a compliant, transparent, non-yellowing, quick drying, acrylic liquid which cures, seals and dustproofs interior or exterior concrete floors or slabs. Adhesives for asphalt, rubber or other types of resilient flooring may be applied over concrete cured for a minimum of 28 days with AC 309A VOC. Consult floor covering and adhesive suppliers for confirmation of suitability.

### USE

AC 309A VOC applied approximately 1-2 hours after final troweling retards the surface evaporation of gauging water. Moisture retention helps to achieve a dense, hard concrete surface and reduces occurrence of drying shrinkage cracks. A second coat may be applied at least 24 hours later usually on completion of construction. AC 309A VOC seals out construction stains and substantially reduces the cost of cleaning up after work is completed. The speed and ease with which it is applied helps reduce curing costs.

### APPLICATION

Apply by low pressure spray or roller. Apply evenly onto new concrete surface approximately 1-2 hours after completion of finishing operations. In the case of existing cured concrete remove dirt, oil and grease by scrubbing with a strong detergent such as TSP and water. Allow to dry thoroughly before applying AC 309A VOC. VOC compliant solvents flash off very quickly. Therefore sealers should be applied in cooler temperatures earlier in the day, before concrete heats up, and when breezes are minimal. Concrete must be free of dew and surface water. Multiple thin coats are preferable to reduce solvent entrapment and blistering. Do not over work as bubbles may become entrained. Under normal conditions surface coating will dry in approximately 10-30 minutes. A second coat should be applied only after an overnight drying period of the first coat.

### NOTE

In locations where shale aggregates are common and shale popping of concrete is a problem, liquid membrane curing compounds such as AC 309A VOC should not be used to cure the concrete. Wet cure concrete and apply AC 309A VOC as a sealer approximately four weeks later when concrete is cured and dried.

### PRECAUTIONS

Keep away from heat and open flame and use only in well-ventilated areas. Open foods such as meats, vegetables and dairy products, etc., may pick up odors when AC 309A VOC is drying. The skin of some people is sensitive to the solvents used in AC 309A VOC and in such cases protective gloves should be worn. Wood flooring laid with an adhesive should not be applied over concrete floors cured with AC 309A VOC unless the flooring manufacturer supplies a type of adhesive that is compatible with the sealer. Material Safety Data sheets are available.

### COVERAGE

For use as a curing compound 4.9 sq.m/litre per coat (240 sq.ft /gal. per coat.)

### CLEAN UP

Use Xylene.

### SPECIFICATION

AC 309A VOC is formulated to comply with the following specifications: ASTM-C-309 Type 1.

**THIS MATERIAL IS NOT TO BE THINNED OR CUT BACK IN ANY WAY.  
CONTACT YOUR TECHNICAL REPRESENTATIVE FOR FURTHER INFORMATION.**

NOTE Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection therewith.