

1. PRODUCT NAME

AK-2 ACHRO KURE WB CURING AND SEALING COMPOUND

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

AK-2 WB is a 100% acrylic polymer water based membrane forming, curing, sealing and hardening compound for use on new or existing concrete.

AK-2 WB is formulated to cure, seal, protect and dustproof concrete as well as to seal many types of porous tile and resilient floor and wall coverings.

AK-2 WB is designed for both interior and exterior application; however, it is particularly recommended for indoor work in public buildings and housing (hospital, restaurants and private residences where solvent systems are difficult to use). The cloudy white solution dries clear and provides a dust free surface.

AK-2 WB provides maximum hardness to the concrete and traffic abrasion resistance. Construction debris does not adhere to the surface, cleanup is easier, less expensive. These products are compatible with most tile and carpet adhesives.

Uses:

Institutional, industrial, commercial and residential construction of floors, walls, columns. i.e.: schools, apartment complexes, hospitals, office buildings.

4. TECHNICAL DATA

Composition and Material:

AK-2 WB is formulated of fine quality, extremely hard but pliable, acrylic polymers in an aqueous system. It is carefully blended and quality controlled. It contains no oils saponifiable resins, or waxes.

Physical and Chemical Properties:

Non-flammable, non-toxic, no additional ventilation.

Dry Time: 1-2 hour (touch)
4-12 hours (traffic)

These dry times are dependent on normal drying conditions. Cool temperatures, high humidity will slow the drying time.

-Moisture Efficiency: .49 kg/m² at 200 sq. ft. per gallon. ASTM C-309 - maximum allowed .55 kg/m².

-Resistance to moisture: Excellent
-A.I.M. Category: Concrete Curing Compound, maximum VOC 350g/l.

-A.I.M. Definition: A coating formulated and recommended for application to freshly placed concrete to retard the evaporation of water.

Applicable Standards:

Recommended for use on Class 1, 2, 3 and 4 concrete floors as noted in ACI Standard 302-77. AK-2 WB is designed to meet or exceed the following requirements.

-ASTM C-309, Type 1, Class A & B, and Type 1D when a red dye is added.

-AASHTO M-148 Type 1.

-USDA authorization for use.

-Compatible with most paints and carpet and resilient tile adhesives.

5. APPLICATION PROCEDURES AND INSTRUCTIONS

AK-2 WB is ready to use, do not dilute. **New Concrete:** Apply immediately after surface water has dissipated, and concrete can

withstand weight. Spray application is best, however, other application methods can be used, i.e. lamb's wool applicator, or medium nap roller also can be used.

Existing Concrete: Sweep or vacuum all loose soil and dust. Remove oil, grease stains and old wax or polish. Trisodium phosphate or TK-101 Chemical Cleaner (with very hot water) can be used; rinse thoroughly and allow to dry. AK-2 WB can be applied by lamb's wool applicator, or medium nap roller. On large areas a sprayer can be used.

A second coat may be applied after the first coat is dry. This will provide greater protection and enhancement of the surface.

Curing	Coverage:	sq. ft./ gallon
broomed		200-250
troweled		200-300
Second coat		300-400

Limitations:

Avoid a buildup which can cause slippery conditions or a lifting action between coats. Protect from freezing. Do not apply if concrete surface and ambient temperatures are below 45° F.

Cleanup of Tools and Equipment:

Use soap and water before material dries. If dried, use MEK (methyl ethyl ketone).

Precautions:

Contains minute amount of ammonia. Excessive and prolonged inhalation may result in headaches, nausea, and eye or lung irritation.

First Aid:

Inhalation: Remove from exposure to fresh air, treat symptomatically, call a physician.

Eye Contact: Immediately irrigate with water for at least 15 minutes; get medical attention.

Skin Contact: Wipe off material and wash thoroughly with soap and water. *Ingestion:* Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Get medical attention.

6. AVAILABILITY

AK-2 WB is available through TK Distributors. Contact TK PRODUCTS for the nearest distributor. Packaged in: 55 gallon drums, 5 gallon pails, and one gallon cans.

Maintenance:

Stains should be removed as soon as possible. AK-2 WB can be applied to wear areas and where spills have removed the sealer.

7. LIMITED WARRANTY

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8. TECHNICAL SERVICES

The TK office offers assistance with specifications, performance test data and field services.

9. FILING SYSTEMS

Information Handling Services:

PO BOX 1213

Englewood, CO 80150

Information Marketing Services:

13271 Northend

Oak Park, MI 48237

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