

TECHNICAL DATA SHEET

DESCRIPTION

KC White Acrylic 25% is a white pigmented acrylic copolymer cure, seal and dustproofing compound in an aromatic solvent containing 25% solids. It is designed for ease of application and better atomization when spraying in a wide temperature range from 35°F to 90°F (2°C to 32°C). KC White Acrylic 25% will be ultraviolet stable and resist yellowing. The higher acrylic solids content will form an excellent surface coating with a high gloss finish that provides an outstanding cure performance.

USE

KC White Acrylic 25% provides a combination of curing, sealing and dustproofing for freshly finished exterior concrete surfaces. KC White Acrylic 25% is an outstanding curing compound and is an excellent dustproofer and surface sealer.

FEATURES

- Sprays Well in Warm & Cool Temperatures
- U.V. Stable, Resists Yellowing
- Excellent Moisture Retention and Reflectance Properties
- Seals and Protects Concrete
- Dustproofs
- White pigments to reflect the heat of the sun

PROPERTIES

ASTM C-309, Type 2, Classes A & B
 ASTM C-1315, Type 2, Classes A & B
 AASHTO M-148, Type 2, Classes A & B
 Meets moisture retention of ASTM C-309 & ASTM C1315
 Note: Federal Specification TT-C-800A was cancelled and officially replaced by ASTM C-309.

Moisture Retention

ASTM C156: <0.40 kg/sq m in 72 hours

Drying time:

Approx. 2 hours at 70°F (21°C) for re-coating or light traffic.
 Wait 12 hours for heavy traffic.
 Dry time is temperature, humidity and wind dependent

VOC

Complies with U.S. EPA requirement with less than 700 g/L

Estimating Guide

Curing: 200 – 400 Ft²/Gallon [4.9 – 9.8]
 Second Coat - 400 – 600 Ft²/Gallon [9.8 – 14.7 M²/Liter]
 Texture and absorption of surface will influence final coverage rates.

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
140776	Pail	5	18.93
140778	Drum	55	208.20

STORAGE

The KC White Acrylic 25% should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the drum head. Store in a temperature range between 0°F (-18°C) to 110°F (43°C). Shelf life of properly stored, unopened containers is 18 months.

Mixing

Agitate the KC White Acrylic 25% before each use.

Placement:

Apply KC White Acrylic 25% immediately after all surface water has disappeared and the surface cannot be marred. Application of KC White Acrylic 25% too early or too late can affect the overall curing performance. Use low pressure spray, roller or brush. Make sure that the sprayer, as well as any other equipment the material will come in contact with, is clean and dry. Do not contaminate KC White Acrylic 25% with other materials, solvents or water. Do not thin. Apply uniformly without puddles.

CLEAN UP

Tools & Equipment use: Xylol or lacquer thinner. For dried material remove with Dayton Green Bean Clean

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LIMITATIONS

FOR PROFESSIONAL USE ONLY

Not intended for application in enclosed or interior spaces.

Sprayers and equipment must have suitable type solvent-resistant hoses and gaskets.

Do not apply concrete or mortar toppings over sealed surfaces.

Remove KC White Acrylic 25% with Citrus Cleaner before applying any coatings or surface treatments.

Do not store food containers directly on the floor, always place on pallets. When moisture-sensitive flooring is to be applied to the concrete treated with this product first refer to ACI 302.2R

PRECAUTIONS

READ SDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (goggles, safety glasses and/or face shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

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WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.