



A.R.C. ACRYLIC RESIN CONCENTRATE

PRODUCTION DESCRIPTION

A.R.C. is a high-performance acrylic resin concentrate formulated for use with Vantek mortars. As a bonding agent, A.R.C. improves surface adhesion. As an admixture, A.R.C. boosts flexural strength and resists moisture, freeze/thaw cycles, and some chemicals.

PACKAGING

1 gallon (3.8 L) 2/box (#VTK1008C)
5 gallon (19.8 L) pail (#VTK1007C)

COVERAGE & USE

- **As a bonding agent or primer:**
 - 200 to 300 sq. ft. per gallon (4.9-7.4 m²/L). (mix 1 part A.R.C. to 3 parts water).
- **With V-KRETE or SLAT PATCH:**
 - General overlays: mix 1 part A.R.C. to 3 parts water.
 - Thin and Performance Overlays: Increase the concentration of A.R.C. to enhance the properties.
- **With V-KRETE LEVELER:**
 - 1 part A.R.C. with 1 part water. Increase the concentration of A.R.C. to enhance the properties.

BENEFITS & FEATURES

- Made in USA
- Low odor, VOC Compliant
- Non-Flammable
- Superior bond with high strength
- Non-re-emulsifiable
- Use in wet environments
- Interior or exterior
- Improves freeze-thaw resistance

CLEAN UP

Use soap and water to clean tools and equipment immediately after use.

PRODUCT APPLICATION

When used as a bonding agent:

Uniformly apply by roller, brush, or spray. Avoid puddling or run-off. If necessary, apply a second coat in order to maintain a wet surface prior to mortar placement.

When used as an admixture:

The surface must be saturated, but without standing water. Apply a prime coat of A.R.C. and water mixed 1:3 with water prior to placement of the mortar mix. Then place and trowel apply the mortar to the desired finish. A.R.C. is not required as an admix if the mortar will be coated with epoxy.

LIMITATIONS

- **DO NOT APPLY** A.R.C. below 45°F (7°C) or when temperature is expected to fall below 45°F (7°C).
- **PROTECT FROM FREEZING.** Prolonged or intermittent freezing will damage contents. Frozen material should immediately be placed in a warm area to thaw, but direct heat should not be applied. If A.R.C. can be stirred after thawing and is a uniform consistency, bonding qualities have not been impaired.

RESTRICTIONS

Restrict the use of the floor to light traffic and non-harsh chemicals until the mortar is fully cured. It is best to let the repair remain dry for the full cure cycle.

LIMITED WARRANTY

Vantek warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed, and applied in accordance with recommendations of Vantek. If any product fails to meet this warranty, the liability of Vantek will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Vantek within (1) one year of delivery of materials. Vantek may in its discretion refund the price received by Vantek in lieu of replacing the material. No customer, distributor, or representative of Vantek is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Vantek. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Vantek reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. VANTEK'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND VANTEK SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.