1. Product Name
ASH GROVE PRO® KRT

2. Manufacturer
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3. Product Description
ASH GROVE PRO® KRT is a portland cement based
mortar designed for thick setting beds under ceramic or
quarry tiles. When mixed to a dry consistency, it allows
maximum compaction during tamping and is ideal for
shower receptors requiring a 3/4” to 1-1/2” thick setting
bed.

BASIC USE:
Recommended for construction or repair of:
• Over concrete floors
• Shower receptors
• Over plywood substrates (with a waterproof
membrane)
• Under ceramic tile, quarry or pavers
• Roofs and decks

COMPOSITION & MATERIALS:
ASH GROVE PRO® KRT is a uniformly blended and easy
to use mixture of portland and coarsely graded sands
specifically designed for general concrete use and repair.

4. Advantages/Benefits
ASH GROVE PRO® KRT has several advantages
including:
• Excellent workability
• Pre-measured packaging for easy mixing; just add
water
• Convenient for small or large jobs
• Labor savings
• Interior or exterior

5. Preparation
All installations must conform to the current specifications
in the TCA Handbook for all Thick Bed Installations.
• When installing mud beds requiring reinforcement,
place wire mesh reinforcement in the center of the
mortar bed, reinforcement shall not butt against
vertical surfaces.
• Mortar beds should conform to ANSI 108.1 and
TCA F101, F 103, F 111, F 112, F 114, F 121, F
125, F 132, F 141 and F 151.

6. Mixing Instructions
Use cool, clean water (drinking water is best) or ASH
GROVE PRO® Acrylic Admixture or a combination of both,
clean tools and a clean container. Add just enough dry mix
to liquid to produce a lump free, dry consistency and
workability to enable a maximum compaction during
tamping. Mix thoroughly. Let slake for 5 minutes, remix and
use.

7. Placement
After the KRT mud sets, shave off KRT mud to get desired
slope and shape. Allow the mud to cure about 24 hours
before tiling.

Installation of Tile with Wet Set Mortar
1. Soak tile in clean, potable water until saturated and drain
excess water before setting tile. Immerse tile completely
during the soaking period. Re-soaking of tile may be
necessary if the tile exhibits drying along the edges before
setting.
2. Apply a coat of white neat cement over the mortar bed
while still fresh and workable.
Set tile firmly on the mortar bed. Space tiles to desired
grout joint width and bring surfaces to a true level plane.
Thoroughly beat tile while the mortar bed is still workable.
Coverage under tile should be at a minimum 80% interior
and 100% exterior.
Refer to ANSI 108.1A, 108.1B and TCA Handbook for
Ceramic Tile Installation

• All concrete substrates must be free of dirt, dust or
oils. Smooth surfaces must be scarified. Saturate
cleaned and scarified concrete with water, (be
sure not to leave water puddles), followed by a
slurry bond coat, and install ASH GROVE PRO®
KRT.

When installing ASH GROVE PRO® KRT in a shower
receptor, steam room, or wet areas requiring waterproof
membranes, KRT must be tamped and sloped towards
drain at 1/4” per foot and have a waterproof membrane and
flanged drain installed prior to KRT installation. Refer to
TCA B414, TR418 and SR613.

Refer To:
• ASTM D 4259 Abrading Concrete
• ICRI Guideline 03730 Surface Preparation
Guidelines for Repair of Deteriorated Concrete
Resulting from Reinforcing Steel Oxidation
• ICRI Guideline 03732 Selecting and Specifying
Concrete Surface Preparation for Sealers,
Coatings and Polymer Overlays
• ACI 201.1R Guide for Making a Condition Survey
of Concrete in Service

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Installation of Tile with the Dry Set Method
For installations of tile over a cured KRT (minimum 20 hours of curing), use ASH GROVE PRO® Flexible Thin-Set Mortar or ASH GROVE PRO® Multi-Purpose Thin-Set Mortar. Consult the respective product information sheet for the Thin-Set.

8. Curing
Slightly mist the mortar after a few hours to aid in curing. If ASH GROVE PRO® Acrylic Admixture was used in the mixing liquid, curing is not recommended unless the mortar is in a hot, dry area. Under such conditions, cure per ACI 308 – Standard Practices for Curing Concrete.

9. Limitations
- Do not use over water
- Do not use without a waterproof membrane when used over non-concrete substrates
- Do not apply over concrete less than 7 days old
- Do not use dirty water
- Do not apply when air or substrate temperature is below 40°F or above 90°F within 24 hours of application

10. Coverage
80 lb. bag covers 11 sq. ft. @ 1”

11. Warning
ASH GROVE PRO® KRT contains silicon dioxide, portland cement and calcium hydroxide. Your skin may be sensitive to cement. Wearing rubber gloves is recommended. Avoid eye contact and prolonged skin contact. In case of contact, flush thoroughly with water. For eyes, flush with clean water for at least 15 minutes and get prompt medical attention. Material Safety Data Sheets are available upon request or at www.ashgrovepkg.com.

12. Limited Warranty
Packager, having no control over the use of the material, does not guarantee finished work. Replacement of any defective product or refund of the purchase price of defective product shall be the buyer’s sole remedy under this warranty.

THIS LIMITED WARRANTY EXCLUDES ANY LIABILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT OR SPECIAL DAMAGES.

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