

# KEY RESIN #120 WATER-CLEANABLE TILE GROUT

## DESCRIPTION

**KEY #120 TILE GROUT** is a user friendly water-based and water cleanable, epoxy grout and adhesive; used for grouting ceramic, glass, and stone tile. **KEY #120 TILE GROUT** is supplied in pre-packaged kits containing resin, hardener, and mineral fillers that produce a dense, uniform seal. Typical applications for **KEY #120 TILE GROUT** include kitchens, bathrooms, locker rooms, and high traffic areas. **Not intended for use in commercial kitchens and food processing areas where aggressive cleaning chemicals are used. Consult Key Resin for specific chemical resistance.**

## KEY ADVANTAGES

- User-friendly packaging
- Low odor for use in occupied areas
- Can be applied up to ½" thick
- Non-sag for vertical applications
- Low viscosity - good wetting properties
- Meets ANSI A-118.3 Specification for chemical resistant, water cleanable epoxy grout
- USDA approvable

## KEY CONSIDERATIONS

- Minimum application temperature of 50°F (Contact **KEY RESIN COMPANY** for Low Temperature Cure).
- Substrate must be free of curing agents and any foreign materials.
- Protect from exposure to chemicals and harsh cleaners until fully cured.

## APPLICATION

Work must be performed by trained or experienced contractors or maintenance personnel.

### SURFACE PREPARATION

Before grouting, clean joints and the tile surface with a damp sponge to remove dust, dirt, and other contaminants. Do not leave water standing in joints. Do not clean tiles with acid cleaners.

### MIXING

Slowly add Part A liquid to Part B liquid while mixing at medium speed with a drill and jiffy type mixer. Continue mixing for 3 min. until a white emulsion is formed. The consistency should appear as a thin "mayonnaise". Transfer to appropriate size mixing container for addition of grout filler. Add at least ¾ of the included **KEY 120 GROUT FILLER** while mixing and then adjust for desired consistency.

### INSTALLATION

Immediately pour **KEY 120 GROUT** mixture from mixing pail onto working area. Following standard epoxy and grouting techniques, apply **TILE GROUT** to surface. Be sure all grout joints are completely filled. Remove excess grout with grout float. Do not leave excess grout on face of tiles.

Consult your **KEY REPRESENTATIVE** for more detailed installation and cleaning instructions.

## PACKAGING

- Small Kit (0.28 ft.<sup>3</sup>)  
1 quart (A) 2 quart (B) 30# filler
- Large Kit (0.55 ft.<sup>3</sup>)  
½ gal (A) 1 gal (B) 60# filler
- Contractor Kit (1.11 ft.<sup>3</sup>)  
1 gal (A) 2 gal (B) 2 x 60# filler

## DRY TIME @ 70°F

Working Life	30-45 minutes
Initial Set Time	6 – 7 hours
Full Set Time	Overnight
Full Chemical Cure	5 – 10 days

## PERFORMANCE PROPERTIES

Tensile Strength ASTM C-307	1,000 to 1,500 psi
Compressive Strength ASTM C-579	5000-7000 psi
Water Absorption 24 hours	0.15%
Heat Resistance	160° continuous 230° intermittent
Adhesion to Concrete ASTM C-321	350 to 400 psi

## WARRANTY

**Key Resin Company ("Key")** 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 **Key**. If any product fails to meet this warranty, the liability of **Key** will be limited to replacement of any non-conforming material if notice of such non-conformity is given to **Key** within (1) one year of delivery of materials. **Key** may in its discretion refund the price received by **Key** in lieu of replacing the material. No customer, distributor, or representative of **Key** 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 **Key**. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. **Key** 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. **KEY'S** OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND **KEY** 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.

