



Epoxy.com Product #224

Water Cleanable Epoxy Grout and Adhesive

DESCRIPTION

Epoxy.com PRODUCT #224 is a user friendly, water cleanable, 100% solids epoxy grout and adhesive. Used for grouting ceramic tile, brick pavers, and stone, Epoxy.com' PRODUCT #224 is supplied in pre-packaged kits containing resin, hardener, that when mixed with the proper fillers produce a dense, uniform seal. Typical applications for Epoxy.com PRODUCT #224 require resistance to thermal shock, chemicals, and heavy traffic including meat packers, breweries, canneries, bottlers, CIP areas, and pharmaceutical formulators. **Please note:** Fillers are not included in this product. For a complete product including fillers use Epoxy.com Product #225 Tile Grout + Adhesive with Filler.

ADVANTAGES

- User Friendly Packaging
- Low Odor for use in Occupied Areas
- Meets ANSI A-118.3 Specification for Chemical Resistant, Water Cleanable Epoxy Grout
- Available with Cold-Room Hardener
- Low Viscosity-good wetting properties
- Versatile--for both Setting and Grouting all Types of Tile
- USDA Approvable

SURFACE PREPARATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. Work must be performed by trained or experienced contractors or maintenance personnel. Epoxy.com service department is pleased to answer any questions. 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.

SURFACE PREPARATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. Work must be performed by trained or experienced contractors or maintenance personnel. Epoxy.com service department is pleased to answer any questions. 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

Empty entire contents of Part A and Part B into a clean mixing pail. With a slow speed drill or margin trowel, mix until liquids are completely blended. Add at least $\frac{3}{4}$ of the TILE GROUT FILLER (more for wide joints) and blend until uniform.

CONSIDERATIONS

- ✚ Substrate must be free of dirt, waxes, curing agents, and other foreign materials
- ✚ Protect from exposure to chemicals and harsh cleaners until fully cured.
- ✚ Substrate temperature must be a minimum of 50° F-Contact Epoxy.com for Low Temperature Cure

INSTALLATION

Pour mixed Epoxy.com PRODUCT #224 onto working area. Following standard epoxy and grouting techniques, apply to surface. Be sure all grouted joints are completely filled. Remove excess grout with grout float. Do not leave excess grout on face of tiles. For complete installation instructions, contact Epoxy.com Technical Service.

CLEAN UP

Some tiles and pavers can be stained by color pigments in Epoxy.com PRODUCT #224. Try small area to determine results before grouting entire surface.

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner. Consult Material Safety Data for safety and health precautions.

COMPOSITION

100% Solids Epoxy Adhesive and Grout Fillers

PERFORMANCE PROPERTIES

Tensile Strength	ASTM C-307	2,000 to 2,500 psi
Compressive Strength	ASTM C-579	15,000 psi
Flexural Strength	ASTM C-580	3,800 to 4,100 psi
Water Absorption	24 hours	0.15%
Heat Resistance		160° F Continuous 230° F Intermittent
Bond Strength to Concrete	ASTM C-321	350-400 psi

CURE/DRY TIME

Working Life	45 minutes
Initial Cure	6-7 hours @ 75° F
Full Set Time	Overnight
Full Cure & Maximum Resistance	5-10 days

MAINTENANCE

After completing the application of Epoxy.com PRODUCT #224, the installer should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly.

Epoxy.com PRODUCT #224 is easily cleaned with neutral soaps or detergents.

COLOR SELECTION

Epoxy.com PRODUCT #224 is available in Clear, Black, White and the colors on the cart below. Custom colors are available subject to laboratory approval, minimum quantity, lead time for production, and increased cost.

FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

For more information please contact:

Epoxy.com.

352-489-1666 (Phone)

352-465-3497 (Fax)

info@epoxy.com

www.epoxy.com

Epoxy.com a division of Epoxy Systems, Inc. warrants its products (when properly stored) for the period of time as follows: Epoxies, Product #315, Product #315BC, and Product #316 one (1) year; Polyesters, Methyl Methacrylates (normal) two (2) months and Polyurethanes Four (4) months; Power Tools and Equipment 90 days; Vinyl Esters, High Molecular Weight Methacrylates (HMMA) and all other resins (not specifically mentioned above) 30 days; hand tools (non-power tools) 30 days. Epoxy.com warrants 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 Epoxy.com. If any product fails to meet this warranty, the liability of Epoxy.com will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Epoxy.com within the warranty period for the material (as indicated above), or within 1 year of the delivery of materials (whichever is sooner). Epoxy.com may in its discretion refund the price received by Epoxy.com in lieu of replacing the material. No customer, distributor, or representative of Epoxy.com 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 Epoxy.com. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Epoxy.com 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. Epoxy.com 'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND Epoxy.com 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. All quotes and sales subject to availability.

Many of our products are made on an individual order basis. Unless authorized in writing by Epoxy.com a division of Epoxy Systems, Inc. in writing before the material is made, there are no returns on items purchased from us, once the order has been processed, and the material made. In the event of authorized returns a restocking charge will be charged in the amount of 30% of the value of the material returned or \$150 whichever is greater. No returns on non-list priced items. All Returns are for merchandise (store) credit only, no cash or credit card credits. In the event of a return, buyer is responsible for the cost of shipping and handling in both directions.