

# Rocky EPOX GWB

## Description

ROCKY EPOX GWB is a user friendly, 100% solids, water cleanable epoxy grout used for permanent, chemical resistant grouting of ceramic, glass and stone tile. ROCKY EPOX GWB is excellent for counter tops and areas with high traffic and physical abuse.

## Use

Grouting of ceramic, porcelain, and quarry tile coverings, acid resistant floor brick, pavers and natural stone tiles

It is ideally suited for heavy duty commercial installations-indoor and outdoor, where materials are exposed to high trafficking, thermal shock and chemicals  
For application in food processing plants, commercial kitchens, hospitals, fast food outlets, swimming pools, laboratories

## Advantages

- Excellent adhesion to damp and dry surfaces
- Waterproof, hygienic, hard wearing and impact resistant
- Good resistance to chemical attack
- Easy to apply
- Water cleanable

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## Technical Properties

Colors	White, grey, black. Other colors upon request
Wet Density at 25°C	1.59 kg/L
VOC	9.0g/L
Open Time	60 minutes
Compressive strength	50 N / mm <sup>2</sup>
Flexural strength (ASTM C580)	> 25 N / mm <sup>2</sup>
Water Absorption at 7 days (ASTM C413)	0.3%
Shrinkage (7 days)	< 0.25 %
Sag (vertical joints)	None
Chemical Resistance	Excellent for most solvents, acids, alkalis
Excellent for most solvents, acids, alkalis	After 24 hours
Service Temperature	-5°C to +80 °C

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## Mixing

The base and hardener components should be individually stirred to re-disperse any settlement. Transfer part B into the can of Part A and mix thoroughly using a slow speed electric drill with a paddle attachment, taking care to avoid air entrapment which cause pinholes in the grout. Scrape the sides and bottom of the can to assure complete mixing until a uniform consistency and color is obtained. Do not overmix as this will cause the epoxy to flash set.

## Application

Allow the tiles to set firmly before grouting (1 to 2 days). Pour the mixed grout onto area to be grouted. Spread grout into open joints of tile or brickwork starting at the lowest areas, making sure grout joints are completely full and then working to the highest areas.

Using a hard rubber float, work grout into the joint and strike excess grout from the tile faces in a squeegee fashion. Be certain to pass over joints on a 45° angle to not disturb the grout that has already flowed into joints. Remove all excess epoxy from the surface of the tile with the rubber float before it begins to set by turning the float perpendicular to the tile surface and skimming it diagonally off the tile surface.

Clean the remaining grout off the surface of the tile by making circular movements with a coarse sponge pad and a little water. Wipe off the resulting slurry with a soft sponge. Frequently rinse the sponge in clean water while cleaning the tile surface. Do not begin cleaning the surface before ROCKY EPOX GWB has started to set. For final cleaning, wait for at least 3 hours but no more than 6 hours to remove the remaining film from the surface with a soft sponge.

## Cleaning

Tools, gloves and application equipment should be cleaned immediately with hot water, while material is still wet. Once the material gets hardened, mechanical removed will be necessary.

## Surface Preparation

The below surface, tiling mortar must have set sufficiently hard. Remove excess adhesive or mortar from the joint area so that 2/3 of the depth of the tile is left available for grouting. Grout joints and tile surface should be swept, or vacuum cleaned. It should be free of standing water, dust, dirt and foreign material.

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## Coverage

ROCKY EPOX GWB is supplied in a 2 component 8kg kit.

## Shelf Life & Storage

Store in dry and covered place out of direct sunlight and protect from high temperature (higher than 35°C). Shelf life is 12 months if stored as recommended.

## Health & Safety

Handle the product with caution. Using gloves and goggles, avoid any contact with eyes and skin.

In case of contact with eyes, wash abundantly with warm water and consult a doctor immediately.

## Important Note

The information in this Technical Data Sheet is based on Rocky-SCM Canada's experience. Rocky-SCM does not accept any liability arising from the use of its products as it has no direct or continuous control over where or how its products are applied. All Rocky-SCM Data Sheets are updated on regular basis. It is the user's responsibility to obtain the latest version.