

PRODUCT DATA SHEET

Ronagrout EPG

Water Cleanable Epoxy Tile Grout

DESCRIPTION

Ronagrout EPG is a stain resistant epoxy tile grout for horizontal and vertical joints. Ronagrout EPG is supplied in a pre-packed kit consisting of epoxy resin, hardener and colouring agent. Ronagrout EPG is water cleanable while fresh.

USES

- Residential and commercial buildings
- Floors
- Bathrooms
- Bottling plants
- Laboratories
- Pharmaceutical factories
- Distilleries
- For vertical and horizontal application

CHARACTERISTICS / ADVANTAGES

- High compressive strengths
- Uniform grout colour
- Water cleanable
- Rated for heavy commercial use
- Meets or exceeds ANSI A118.3 requirements
- Non-flammable
- Low odour

PRODUCT INFORMATION

Chemical Base	Epoxy												
Packaging	7.04 kg per pack (3.4 kg Part "A" and 3.4 kg Part "B" pack with 0.24 kg drum of colouring component)												
Appearance / Colour	20 colours available for selection, please refer to colour chart form more details.												
Shelf Life	24 months from the date of production.												
Storage Conditions	Stored properly in undamaged and unopened original sealed packaging in the dry conditions. Protect from direct sunlight and frost.												
Product Declaration	<table border="1"> <tr> <td>Tensile Strength</td> <td>> 6.9 MPa</td> </tr> <tr> <td>Shear Bond Strength</td> <td>> 6.9 MPa</td> </tr> <tr> <td>Sag (Vertical Joint)</td> <td>None - up to 3/8"</td> </tr> <tr> <td>Water Cleanability</td> <td>> 80 mins at 23 °C</td> </tr> <tr> <td>Initial Setting Time</td> <td>> 2 hours at 23 °C</td> </tr> <tr> <td>Cure Time</td> <td>16–24 hours at 23 °C</td> </tr> </table>	Tensile Strength	> 6.9 MPa	Shear Bond Strength	> 6.9 MPa	Sag (Vertical Joint)	None - up to 3/8"	Water Cleanability	> 80 mins at 23 °C	Initial Setting Time	> 2 hours at 23 °C	Cure Time	16–24 hours at 23 °C
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TECHNICAL INFORMATION

Compressive Strength	> 35 MPa
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Water Absorption	Nil
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APPLICATION INFORMATION

Consumption	The consumption rate of Ronagrout EPG on site will, amongst other things, be dependent upon site conditions and the skill of the labour. The following formula may be used to calculate the mathematical consumption rate but does not allow for any wastage etc.,
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Consumption (kg/m²) =
$$\frac{\text{Length of Tile} + \text{Width of Tile}}{\text{Length of Tile} \times \text{Width of Tile}} \times \text{Joint Depth} \times \text{Joint Width} \times 1.7$$

*All of the above data should be calculated in "mm" unit.

Pot Life	90 mins at 23 °C
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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- All epoxies are subject to yellowing due to ultra violet exposure.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Clean down the tile surface and slightly moisten the surface with a damp sponge just prior to grouting.

MIXING

Thoroughly mix part "A" before adding part "B" hardener component. Mix using a low speed mixer or preferably by hand for at least 5 minutes. Then add part "C" (colouring component), and mix until uniform.

APPLICATION

Spread epoxy mixture over the face of the tile using a hard rubber epoxy grout float. Work the grout back and forth with short strokes always at a 45° angle to the grout joint, this will ensure complete filling of the joints. Remove excess epoxy from the face of the tile. Clean up the tile face as soon as possible.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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