

## PRODUCT DATA SHEET

# PROBLEND® G10 Grout

A PREMIUM FINE SANDED GROUT SUITABLE FOR MOST TYPES OF GROUT APPLICATIONS

## DESCRIPTION

A premium, polymer modified, reduced absorption, tile and stone grout for most grouting applications. Its unique hydrophobic properties make the grout less porous, and easy to clean. PROBLEND® G10 Grout set hard and has excellent colour consistency with anti fungal properties.

## USES

### PROBLEND® G10 Grout

Can be used both internally and externally and on both wall and floor applications.

Is suitable for grout joints from 1.5mm to 10mm wide. Is suitable for use in residential submerged applications when used in conjunction with Eco Systems Eco-concrete admixture.

Suitable tile types include;

- Ceramic Tiles
- Porcelain Tiles
- Natural Stone
- Manufactured Stone
- Agglomerates
- Quarry Tiles
- Glass tiles and mosaics

## CHARACTERISTICS / ADVANTAGES

- Easy to use
- Reduced porosity / improved stain resistance
- Reduced efflorescence
- Excellent hardness
- Smooth appearance
- Colour consistent
- Anti fungal
- Non combustible
- Low VOC

## PRODUCT INFORMATION

<b>Product declaration</b>	CG1 Grout class AS ISO 13007
<b>Composition</b>	Cement, selected quartz mineral aggregates, polymers, oxides and special additives.
<b>Packaging</b>	2.5kg bags / 8 per Box 10kg bags
<b>Shelf life</b>	12 Months from date of manufacture.
<b>Storage conditions</b>	Store off ground in dry cool conditions (high humidity will reduce shelf life).
<b>Appearance and colour</b>	Colours available

Colour	2.5kg Bag	10kg Bag
Polar White	A	A
Antique White	A	A
Alabaster	A	A
Mushroom	A	A
Buff	A	A
Vanilla	A	A
Ivory	A	A
Canvas	A	A
Misty Grey	A	A
Smoke Grey	A	A
Platinum Grey	A	A
Graphite Grey	A	A
Galaxy Black	A	A
Taupe	A	NA
Chocolate	A	NA
Clover Green	NA	A
Olive	A	NA
A = Available		
NA = Not available		

## APPLICATION INFORMATION

Mixing ratio	2.5 -2.8 Litres of water per 10kg bag	
Ambient air temperature	+5°C Min / +35°C Max	
Substrate temperature	+5°C Min / +35°C Max	
Pot Life	1 hour	
Applied product ready for use	<b>USE</b>	<b>WAIT TIME</b>
	Light foot traffic	6-8 hours
	Full use	3-5 days
	Submerged - filling with water	21 Days

Values determined at laboratory conditions 23°C & 50% RH.  
Higher temperatures with reduce times and lower temperature will increase times.

## 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.

## IMPORTANT CONSIDERATIONS

- PROBLEND® G10 Grout is only suitable for joints from 2mm to 10mm.
- PROBLEND® G10 Grout contains sand and should be tested on soft natural stones and tiles prior to use.
- Do not apply in temperature below 5°C and above 35°C.
- Ensure substrates have correct falls to waste, are free from residual moisture, and dry.
- Efflorescence & Shade variation is beyond the control of the manufacturer and is influenced by the climate and application technique.
- Colour may be different from samples. Application, climate, and environment may all have an impact on the final result and colour of the grout.
- Test for suitability of use with natural stones prior to use.
- G15 is not suitable for submerged applications.
- Ensure substrate deflection standard are achieved with all tiling applications.
- Incorporate movement joints as per AS ISO 3958.1:2007

- Contact Sika for addition information as required.

## 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 containing physical, ecological, toxicological and other safety related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Ensure adhesive is dry and hard and free from excess residual moisture.

Check to ensure joints are of even depth and free from excess adhesive to assist in colour uniformity. Clean tiles and joint to be free from dust and other contaminants.

On highly porous tiles it may be necessary to pre-dampen the joint prior to application.

Porous stone, terracotta may require sealer prior to application to avoid staining.

Remove all spacers/lugs prior to application.

## MIXING

Add a measured amount of clean cool water into a mixing container and slowly add the PROBLEND® G10 Grout while stirring with a slow speed drill (max 300RPM). Mix to a smooth uniform lump free consistency and allow the mixture to stand "slake" for 5 minutes. Then re-stir prior to use without adding any additional water.

Do not add additional water to previously mixed grout. For residential submerged applications mix with Eco Systems Ecocrete admixture. Refer to Ecocrete pds for additional information.

## APPLICATION

Tiles shall be fixed in accordance to AS3958.1:2007  
Ensure Adhesive is dry and adequately cured and free from residual moisture prior to application.  
Apply the grout with a grout float ensuring the grout is worked well into the joint to ensure full joints.  
Discard any stiffen / old grout, do not re-mix by adding water.  
Do not spread more grout that cant be cleaned within 30 minutes.  
Allow the grout to lightly firm prior to cleaning.  
Clean joints with clean water and a semi-dry sponge to avoid excess water.  
Cleaning joints with the sponge in a diagonal motion to the joint.  
Periodically change water to minimise grout haze.  
Allow grout to full harden prior to removing any residual grout haze.  
Residual minor haze can be removed with a micro-fibre cloth the next day.

## CLEANING OF EQUIPMENT

Tools and equipment can be cleaned with water while the grout is still wet.

## LOCAL RESTRICTIONS

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

## 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

### Sika Australia Pty Limited

ABN 12 001 342 329  
aus.sika.com  
Tel: 1300 22 33 48

Data Sheet for the product concerned, copies of which will be supplied on request.