

## DESCRIPTION

PROGROUT SG is a compressible, water resistant, cementitious sanded grouting material suitable for finishing joints up to 25mm wide. It is fast setting, hard wearing and suitable for interior or exterior use. It is water resistant and suitable for use in conditions of continuous or intermittent contact with water e.g. showers, toilets and kitchens.

## ADVANTAGES

- Meets ANSI A118.6 Standards.
- Complies with EN 13888:2009 CG1 class
- Suitable for very wide joints & very good abrasion resistance.
- Hard wearing.
- Water resistant
- Sets within 3 hours approx.
- Low water absorption, curing at high temperatures.

## TECHNICAL DATA

Binder	Ordinary Portland Cement
Color	Range of colors
Pack Size	10 KG / 15 KG
Coverage	It varies depending on the width of the joints, the size and thickness of the tiles (use grout calculator).
Working Time	Approx. 45 minutes
VOC Content	Nil

## PULL OFF STRENGTH

Test method: The tests were carried out in general accordance with BS 1881 Part 2 using a 'LOK - TEST' pull out instrument

Test	Specification	Mean Results	Note: The information is based on controlled laboratory conditions. However, there may be some variation in yield conditions.
Compressive strength	$\geq 15 \text{ N/mm}^2$	17.8 N/mm <sup>2</sup>	
Flexural strength	$\geq 2.5 \text{ N/mm}^2$	3.7 N/mm <sup>2</sup>	
Shrinkage property	$\leq 3 \text{ mm/m}$	1.69 mm/m	
Water absorption	$\leq 5 \text{ g after 30 min}$	4.64 g	

## PREPARATION

Allow at least 24 hours between fixing the tiles and applying the grout when tiling over relatively impervious backgrounds such as dense brick, concrete, over-painted, or previously tiled surfaces. Apply clean potable water to neutralize the water absorption by the base surface.

## MIXING

Mix PROGROUT SG with specified quantity of water with electric stirrer to achieve a smooth consistency free of lumps. Always use a little less quantity of water in the beginning and mix the material first slowly and then vigorously to make a viscous paste. Add the remaining quantity of the water and mix well to make a homogenous and workable grout. Use a suitable electric mixer for homogenous mix.

## APPLICATION

Using a grouting trowel, rubber squeegee, brush or sponge, work the grout thoroughly into the dry tile joints and around all edges. Then, compact the grout firmly into the joints. Approx. 1m<sup>2</sup> should be grouted and cleaned up before proceeding to the next section. Clean dry cloths should be used for polishing the tiles following completion of grouting.



## PRECAUTIONS

Application of the PROGROUT SG should be done per the procedure mentioned in this technical data sheet. IKAN will not be held responsible for any claim arising out of non-performance of the product due to incorrect application procedure or usage of product for non-recommended purpose. Please contact IKAN technical team for more details on application of PROGROUT SG for any purpose other than mentioned above or on surfaces with other special construction additives.



## HEALTH & SAFETY

This product contains cement, and contact with skin may cause irritation. It should not be inhaled, and a properly designed and maintained face mask should be used whilst handling, pouring and mixing the powder. Avoid contact with the product by working carefully, using a barrier cream and wearing protective gloves. If any contact does occur, wash thoroughly with soap and water. Use eye protection. Avoid contact with eyes, if such contact occurs irrigate with water for 20 minutes and seek medical advice. If mistakenly ingested, drink plenty of clean water and seek medical advice.



## TECHNICAL SUPPORT

The IKAN Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.



## DISCLAIMER

To the best of our knowledge and belief, this information is true and accurate, but as conditions of use and high involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that he has consulted our latest literature.