

# Product Data Sheet

# GRT-20



## Fine Sanded Hydrophobic Grout

### DESCRIPTION

ACT GRT-20 is a high quality, flexible, high strength, hydrophobic, specialty pre-blended sanded grout suitable for grout joints between 2mm and 20mm wide. GRT-20 can be used both internally and externally in both wall and floor applications. GRT-20 has stain resistant hydrophobic qualities which also enables easier application and clean off of grout residue from tile surface leaving fuller joints. With coverage 80% plus greater than standard sanded grouts GRT-20 is the most economical and user friendly grout on the market.

### FEATURES & BENEFITS

- ◇ Easy application
- ◇ Easy clean-up
- ◇ 80% greater coverage
- ◇ Most economical
- ◇ Stain resistant
- ◇ Flexible

### RECOMMENDED FOR

- ◇ Internal & external applications
- ◇ Wall & floor applications
- ◇ Slate & stone
- ◇ Terracotta & quarry
- ◇ Ceramic & porcelain
- ◇ Joints 2mm to 20mm wide

### SUBSTRATE PREPARATION

Ensure grout joints are dry & clean of any adhesive residue or contamination which may affect final grout appearance. It is good practice to ensure grout joints are of consistent width and depth. Remove any tile spacers before applying grout.

### MIXING

20kg of ACT GRT-20 will require approximately 4.3 litres of clean drinking water. Slowly add GRT-20 into a clean bucket with the measured water. Slowly mix with a quality drill and mixing paddle to ensure a smooth, lump free, thick toothpaste consistency. Leave the mix for 4 minutes then re-stir. The grout is ready for use. Note, it is good practice to have a slightly thicker than thinner mix consistency to avoid grout finish issues such as efflorescence, shade variation, shrinkage cracks and hollow or shallow joints.

### MOVEMENT JOINTS

Movement joints must be incorporated within the tiling system in accordance with AS3958.1-2007. Ensure movement joints are free of all adhesive and grout residue.

### CLEAN UP

ACT GRT-20 should be removed from the surface of tiles using a clean damp sponge while the grout is wet. Tools and equipment should be scrubbed clean with water.

### DRYING

Allow minimum 24hrs for the grout to cure and set prior to allowing any foot traffic to area grouted. If temperature is below 4°C or above 35°C do not carry out grout application. Note, as with all cement based products, grout curing and setting will be delayed in cooler temperatures and with non-porous tiles.

### POT LIFE

2 hours at 23°C and 50%RH  
Setting time, 24hrs at 23°C and 50%RH

### SAFETY DIRECTIONS

ACT Australia supports best practice in material handling. Appropriate gloves, dust masks, safety glasses and protective clothing should be worn. If product comes in contact with skin, wash off with soapy water. Avoid inhaling dust by wearing appropriate dust mask. If swallowed, drink plenty of drinkable water and seek medical advice. In case of contact with the eyes, rinse with clean water or eye wash solution and seek medical advice.

### APPLICATION

All workmanship must be in accordance with AS3958.1-2007. After mixing GRT-20, leave for 4 minutes then re-stir, the grout is ready for use. Apply GRT-20 with a quality rubber squeegee by working the grout firmly into the tile joints fully ensuring no voids or air pockets are created. With the squeegee remove as much grout residue from tile face as possible as this will aid in final clean-up of grout. Remove the grout residue remaining from tile surface with a good quality grout sponge in clean drinking water. Ensure sponge is only damp and not saturated with water as this will assist achieving optimum full grout joints and consistent colour. Clean grout residue from surface of tile by wiping diagonally across grout joints this assists with keeping grout joints full. Ensure grout water is regularly replaced so is always clean. 'One Wash' clean up should be all that is required to remove all grout residue from face of most tiles. Porous tiles, should be sealed prior to laying and grouting. As with all tiles, an inconspicuous test area should be conducted and allowed to dry prior to grouting the whole job to ensure a satisfactory result is achieved. It is important to have grout mix consistency between mixes as well as consistent application and clean off techniques to ensure the whole job has uniform finish and colour. Do not add water to grout mix to try and revitalise. This will only contribute to above mentioned grout issues. If in doubt, contact Act Australia Technical Services for further information and advice.

### COVERAGE

20kg of GRT-20 will cover approximately 70m<sup>2</sup> based on scenario 400mm x 400mm x 8mm tile with a 3mm grout joint. Coverage will vary depending on combination of tile size and grout joint. For more information on grout coverage see ACT Australia grout calculator on website [www.actaus.com](http://www.actaus.com)

### LIMITATIONS

- ◇ Do not apply grout below 4°C and above 35°C.
- ◇ Do not apply grout in hot & windy conditions.
- ◇ Not suitable for moisture sensitive stone such as green marble or manmade conglomerate products.
- ◇ Not suitable for grout joints less than 2mm or more than 20mm wide.
- ◇ Finished colour variation may differ as a result of many factors including, tile type, climatic and site conditions and installation practices.
- ◇ Aesthetic issues arising strictly beyond the manufacturers control such as on site mixing, application, clean off technique, subsequent cleaning of and maintenance practices will not be accepted.
- ◇ A test area should be conducted and allowed to dry prior to grouting the whole job to ensure a satisfactory result is achieved.

### GUARANTEE

ACT Australia Pty Ltd guarantee this product for 15 years when tiles are installed in accordance with AS 3958.1-2007, in conjunction with manufacturers written instructions and good trade practices. This guarantee applies from the time of application and covers only the cost of replacement of materials and labour of the original installation only when the product is proven and acknowledged to be faulty.