

### DESCRIPTION

GRT-20 is a high quality, flexible, high strength, hydrophobic, specialty pre-blended sanded grout suitable for grout joints between 1mm 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.

### FEATURES & BENEFITS

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

### SUITABLE FOR

- Internal & external applications
- Wall & floor applications
- Slate & stone
- Terracotta & quarry
- Ceramic & porcelain
- Joints 1mm 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 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.

### APPLICATION

All workmanship must be in accordance with AS3958.1-2007. 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 with 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 water is regularly replaced so is always clean.

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 maintain consistency between grout mixes as well as consistency in application and clean-off techniques to ensure the whole job has uniform finish and colour.

### COVERAGE

Coverage will vary depending on combination of tile size and grout joint.

For more information on coverage, see ACT Australia grout calculator on [www.actaus.com](http://www.actaus.com).

20kg Bag based on 3mm joints
200 x 200 x 6mm = 57m <sup>2</sup>
400 x 400 x 10mm = 82m <sup>2</sup>
600 x 300 x 10mm = 82m <sup>2</sup>
600 x 600 x 10mm = 123m <sup>2</sup>
1200 x 600 x 10mm = 184m <sup>2</sup>

### SETTING TIME

24 hours  
at 23C° and 50% RH.

### POT LIFE

2 hours  
at 23C° and 50% RH.

### SHELF LIFE

In unopened original packaging for up to 24mths when stored in a cool, dry environment off the floor.

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.

### CLEAN UP

**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 grouted area. If temperature is below 5°C or above 34°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.

### 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.

### LIMITATIONS

- Do not apply grout below 5°C and above 34°C.
- Do not apply grout in hot & windy conditions.
- Not suitable for moisture sensitive stone such as green marble or man-made conglomerate products.
- Not suitable for grout joints less than 1mm or more than 20mm wide.
- 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.
- If in doubt, contact **ACT Australia Technical Services** for further information and advice.

