

DESCRIPTION

Spectrum Futura is a premium quality, flexible, high strength, hydrophobic, specialty lightweight cement grout suitable for grout joints from 1mm up to 30mm wide. The unique lightweight formula includes recycled glass spheres and super fine sand particles allowing for a smoother lightweight consistency for easier application.

Spectrum Futura can be used for both internal and external wall and floor applications including swimming pools. **Spectrum Futura** has 50% greater coverage than other standard grouts.

FEATURES & BENEFITS

- Lightweight formula
- Easier application
- Easier clean-up
- Superior Workability
- Hydrophobic & Stain resistant
- Efflorescence resistant

SUITABLE FOR

- Internal & external applications
- Wall & floor applications
- Swimming Pool & Pond applications
- Slate & stone
- Ceramic, porcelain & mosaic
- Joints 1mm to 30mm 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

Spectrum Futura will require approximately **275ml** of clean drinking water per 1KG of grout. Slowly add Spectrum Futura 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 5 minutes then re-stir. The grout is now ready for use.

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 Spectrum Futura 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

1kg of Spectrum Futura will cover approximately 15m² based on scenario 600mm x 600mm x 10mm tile with a 1.5mm 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 www.actaus.com.

POT LIFE

1 hour at 23C⁰ and 50% RH.

SETTING TIME

8 hours at 23C⁰ 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

Spectrum Futura 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 **8hrs** 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 30mm 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.

