

Westbuild Construction Grout How to Guide



Ideal for

Grouting applications requiring high compressive strength:

- Grouting around anchor bolts, starter bars and precast panels
- Filling voids, recesses and core holes
- Filling voids in hollow blocks
- Filling joints between tilt slab and precast panels
- Adjustable consistency - pump, pour or dry-pack

How much to use

- 1 x 20kg bag of Construction Grout, mixed with 4.5 litres of water, will yield approximately 11.5 litres.
- 87 bags required per cubic metre.



Tools you will require

- Bucket or Mixing Vessel
- A mechanical forced action mixer with a high shear stirrer
- Brickies trowel, finishing tools

Please turn over for full application details

Available at
BUNNINGS
warehouse
bunnings.com.au

Step 1 – Prepare & Pre-soak

- Plan ahead to ensure sufficient grout is mixed to allow continuous placement within a single pour
- Ensure formwork will allow grout to flow easily during placement
- Pre-soak the prepared substrate with water overnight, and only remove the excess water just before grout placement. Make sure there are no traces of ponding water present while grouting. Remove all water from anchor holes or bolt holes; this can be achieved using air pressure to blow water out

Step 2 – Mix the Construction Grout

- Measure water for required consistency:
 - Flowable Consistency: mix 4.5L water/20kg Grout
 - Plastic Consistency: mix 3.1-3.2L water/20kg Grout
 - Stiff/Dry-pack Consistency: mix 2.8-3.0L water/20kg Grout
- Add measured water to the mixing vessel first
- Slowly add Construction Grout powder and mix only with a mechanical forced action mixer with a high shear stirrer
- **Do NOT mix by hand**
- Mixing time should be no less than 3 ½ minutes and until a uniform, homogenous consistency is obtained



Step 3 – Place the Construction Grout

- Pump, pour or dry-pack the grout into place, ensuring it is placed in a single pour
- Use mixed Construction Grout within 30 minutes
- Thickness must be greater than 10mm but should not exceed 50mm

Step 4 – Cover and Allow to Cure

- To prevent excessive moisture loss whilst curing, cover the newly poured grout with wet hessian or plastic sheeting to keep fully protected from drying winds and direct sunlight
- Keep covered for a minimum of 7 days whilst curing in order to achieve optimum strength



Important Information

- Check with your local council to comply with regulations
- Refer to TDS for more specific instructions
- Refer to SDS before using Westbuild Construction Grout



If you require any assistance with this product, its installation or any other Westbuild product, please feel free to contact Westbuild on 08 9309 2029.