



CONSTRUCTION GROUT

GENERAL PURPOSE, HIGH STRENGTH, SHRINKAGE COMPENSATED, FLOWABLE GROUT



AVAILABLE SIZE:
25KG

YIELD



25kg bag



13litres = 0.013m³

Dricon CONSTRUCTION GROUT is a flowable general purpose, non-shrink, cementitious grout free from chlorides or other substances which could aggravate steel corrosion. The graded fillers are designed to aid uniform mixing while minimising segregation and bleed.

Just add clean water to produce a free-flowing grout. It can also be applied as a trowelable or semi-dry packing material.

FEATURES AND BENEFITS

- Expansion system compensates drying shrinkage in plastic and hardened states
- Can be dry packed, rammed, troweled, poured and pumped
- High early strength with durability
- Ready to use, premixed, and requires only addition of water

COMPRESSIVE STRENGTH.

	TROWELABLE	FLOWABLE
Water per 25kg	3.5L	4.0L
1 day	>25MPa	>20MPa
7 days	>55MPa	>50MPa
28 days	>65MPa	>60MPa

PREPARATION

Ensure surface is clean, sound and free from oil, grease, curing compounds or any loose materials. Allow for a minimum thickness of 5mm of prepared grout. Use Dricon CG in details where the material can be confined during positive expansion in the plastic state. It is essential to pre-soak the concrete substrate during preparation, but any excess water should be removed prior to application of Dricon CG.

MIXING

Water ratio depends on the natural variation of materials. Do not add more water than specified to make mixing easier. This will increase work time, set time and reduce strength.

Add clean water to a suitable mixing vessel. Use a forced action pan type mixer or a clean bucket with a low speed power drill and stirrer. Add the Dricon CG powder to the water while stirring.

Grout is ready to use after 2-3 minutes mixing and once a smooth, lump free consistency is achieved.

***Work times, set times and strength are based on Trowelable state.**

APPLICATION

It is essential that the ambient temperature should be above 5°C and that the grout is placed within 40-60 minutes of mixing. Dricon CG can be placed in thickness ranging from 5mm to 80mm in one single application. Do not use mechanical vibrators to assist in flow as this will cause segregation of materials.

CURING

On completion of grouting, the exposed area should be covered with wet hessian or plastic sheeting to prevent excessive moisture loss.

GENERAL GROUTING TIPS

PLAN YOUR PROJECT

Grouts have a limited life so it important that the work area is prepared, with the method of application agreed. For best results plan grouting when temperatures are mild (15-25C). Pour from one side to minimise trapped air.

CONFINEMENT

Dricon Construction Grout is designed to have expansive qualities (compensate for shrinkage). To gain the benefits from this characteristic requires the grout to be used in a confined location.

FLOWABILTY

As the amount of water added is increased the grout becomes more flowable but at the expense of strength and increased potential for segregation. Do not use more water than specified on this data sheet for the flowable state.

MIXING

Is important with grouts, use the recommendation on this data sheet, do not mix by hand.

VIBRATION

Flowable grouts are designed to be self-compacting. Do not vibrate as this may cause segregation.

Note: All mortars and concrete products may exhibit a temporary 'whitening' otherwise known as efflorescence which neither affects strength nor durability.

HSNO CLASSIFICATION

6.1E 6.3A 6.5A 6.5B 6.7A 6.9B 8.3A

DANGERS

May cause allergy or asthma symptoms or breathing difficulties if inhaled

- Causes skin irritation or severe skin burns when wet
- Causes serious eye damage
- If medical advice is needed have product container or label at hand
- Keep out of reach of children and read label before use
- Use in a well ventilated area and wear protective clothing

SAFETY

Due to the alkaline and dusty nature of cement, we recommend the use of safety goggles, a P2 dust mask and protective gloves when mixing and placing the material.

ENVIRONMENTAL CARE

To protect our environment and avoid contamination of our water ways do not allow this product to enter the storm water drainage system. Promptly clean up any spills or run off.

STORAGE

Ensure Dricon CONSTRUCTION GROUT bag is kept dry. Use within 12 months.



**FOR MORE INFO CALL 0800 DRICON
OR VISIT WWW.DRICON.CO.NZ**

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