



# PACTOGrout GPA

General Purpose Non Shrink Grout With Aggregates For Large Pours

## DESCRIPTION

**PACTOGrout GPA** is a cementitious grout, supplied as a ready to use dry powder, which requires only the on-site addition of clean water to produce a shrinkage compensating pumpable grout

## TYPICAL USES

- Fixing of machinery and bedding plates
- Grouting of precast elements
- Anchoring bolts
- Bridge bearing applications
- Grouting of large bolt packets

## ADVANTAGES

- Non Shrink
- High bond strength to concrete , steel and iron
- High Compressive strength
- Ease of application
- Excellent workability retention even at high ambient temperatures
- Highly Flowable
- Can be pumped or poured

## PACKAGING

25 kg bags

## PROPERTIES

Appearance	Powder
Fresh wet density	
Compressive Strength	1 day : >40 N/mm <sup>2</sup>
(BS 1881 Part 116)	7 days : >60 N/mm <sup>2</sup>
	28 days : >70 N/mm <sup>2</sup>

## APPLICATION INSTRUCTION

### Surface Preparation

The substrates must be free from all contaminants such as oil, greese, paint, laitance. Any contamination should be removed by mechanical means to produce a sound substrate.

Soak concrete substrates for a minimum of two hours continuously prior to placing the aggregate filled grout. Immediately prior to placing all free water should be removed leaving the substrate in a surface dry condition.

## MIXING

Mix **PACTOGrout GPA** with 3.5 to 4.5 litres of water per 25kg bag to obtain the required consistency.

## APPLICATION

**PACTOGrout GPA** should be applied within 45 minutes of mixing. It should be applied to the formwork whilst maintaining sufficient hydrostatic head or pumping pressure to ensure that all voids are completely filled whilst tamping the formwork gently for vertical applications, the grout should be injected starting from the top and should continue until the borehole is full. The borehole's entrance should then be plugged.

## CURING

All exposed areas should be cured using wet hessian or PACTOCure should be applied to prevent loss of water which may result in cracking.

## YIELD

13.5 litres / 25 kg bag at 5 litres water addition rate.

74 x 25 kg bags / m<sup>3</sup>

## HOT WEATHER WORKING

For temperatures above 35°C, application. Under such conditions can sometimes be difficult.

The following guidelines are suggested.

1. Store **PACTOGrout GPA** in a cool controlled temperature, avoiding exposure to direct sunlight.
2. Arrange shade protection for all the mixing equipment. It is especially important to keep cool those surface of the equipment which will come into direct contact with the material itself.



3. The mixed grout should be placed immediately and used water below 10°C.
4. Try to avoid application in the middle of the day and in direct sunlight.

### STORAGE

Store out of direct sunlight, clear of the ground on pallets, protect from rainfall. Avoid excessive compaction. Shelf life is 12 months when stored as above.

### PRECAUTIONS

As with other products containing Portland cement, the cementitious material in **PACTOGrout GPA** may cause irritation. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of contact with skin, wash skin thoroughly.



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