

# MYGROUT GP

**MYGROUT GP** is a pumpable dual-shrinkage compensated, self-levelling, prebagged cementitious grout with extended working time to suit local ambient temperatures. Its control the shrinkage to reduce the cracks.

## USES FOR

- Machine foundation
- All general purpose grouting
- Precast panels
- Grouting in column based, base infilling
- Fill core holes, rod holes and defects in concrete
- Fill in grout for hollow block walls, gaps, cavities
- Joints between precast panels and other joints
- Honeycombs (pre-packed grouting)

## SURFACE PREPARATION

The substrate should be prepared by mechanical preparation techniques such as high pressure water, grit blasting etc. The substrate surface must be clean, sound and free from oil, grease, curing compound or any loose materials. All absorbent surfaces must be well saturated with clean water, but free of any surface water or puddles prior to the application of MyGrout GP.

## MIXING

Add 25kg bag of **MyGrout GP** into at least 70% of clean water until paste form and add the rest of the 30% water to get the consistency needed. Mix thoroughly for 3-5 minutes using mechanical mixer until no lumps with slow speed drill at 500rpm maximum.

## APPLICATION

After mixing, let the paste to settle a few seconds to release any entrapped air. The grout is then poured into the formwork. When placing grout over a large area, for sections thicker than 50 mm, it is necessary to blend with graded 10 mm silt free aggregates to minimise temperature rise generated during the curing stage. The quantity of aggregates should not exceed 1 part aggregates to 1 part MyGrout GP by weight.

## PACKAGING

**MyGrout GP** is supplied in grey 25 kg paper bags.

## STORAGE

12 months when stored in a cool and dry place.

## TECHNICAL DATA

<b>TECHNICAL DATA (typical values)</b> at 23°C / 50% RH		
<b>Appearance</b>	Powder	
<b>Colour</b>	Grey	
<b>Grain size</b>	< 1.2mm	
<b>Wet Density</b>	Approximately 2.2kg/L	
<b>Thickness of single pour</b>	Minimum 5mm Maximum 50mm	
<b>Water Ratio</b>	4.5L – 5.0L	4.0L – 4.5L
<b>Consistency</b>	Pumpable	Pourable
<b>Compressive strength, N/mm<sup>2</sup></b>	1 day @ $\geq 25$	1 day @ $\geq 35$
	7 days @ $\geq 40$	7 day @ $\geq 50$
	28 days @ $\geq 60$	28 days @ $\geq 75$

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