



# SUPERFLUID GROUT

**PRODUCT CODE:** 3470

**DESCRIPTION:** SUPERFLUID GROUT is supplied as a ready to use dry powder requiring only the addition of water to produce a free flowing grout. The product is a careful blend of Portland cements, graded silica sands, silica fume, water reducing agents and expansive agents.

**PACKAGING:** 25kg bucket/bag

**PREPARATION:** Ensure all concrete or steel surfaces are clean and contaminant free. Damp down all concrete surfaces with clean water immediately prior to installation of the mixed SUPERFLUID GROUT

**MIXING:** Place required water in mixer according to consistency required:  
 3 litres water plastic: 3.5 litres flowable: 4 litres fluid:  
 Add 25kg bucket/bag of grout and stir with slow speed drill with paddle or mechanical mixer. **Do not** use colloidal mixer. Mix for 1 - 5 minutes after all powder has been added to obtain lump free grout.

**APPLICATION:** All concrete surfaces should be clean and free from laitance. Steel surfaces should be free from rust, grease and millscale. The mixed grout should be placed within 20 minutes of mixing. The total mixed amount **must** be poured or pumped in one continuous operation. Our Technical Department will be able to advise on technique and suitable pumping equipment. In order to obtain the full effect of non-shrink properties, the grout should be placed in a restrained situation.

Flow at 20°C:	Head (mm)	Gap (mm)	Maximum Flow Distance (mm)		
			Plastic	Flowable	Fluid
100		10	200	360	900
		30	900	1500	3000
		50	2400	3000	3000+
250		10	450	1200	2500
		30	2600	3000	3000+

The general rules with regard to temperature and curing should always be observed with cementitious systems.

**COVERAGE:** Yield depends on volume of water added. Minimum volume 11.5 litres, maximum volume 13 litres. One litre covers 1m<sup>2</sup> @ 1mm thickness.

**CURE SCHEDULE** Compressive Strength - BS 1881, Part 116. Cubes cured under restraint.

CURE SCHEDULE and PROPERTIES:	Age (days)	Compressive Strength(N/mm <sup>2</sup> )		
		at 20°C		
		Plastic	Fluid	Flowable
	1	34	15	6
	7	58	45	26
	28	83	60	50

**SPECIFIC USES:** Concrete repair, bedding of machine base plates and anchors.

**CLEANING OF TOOLS:** Uncured SUPERFLUID GROUT may be readily removed from tools and equipment with clean water.

ROTAFIX cementitious based products are mildly alkaline. Users should take the necessary precautions indicated in the COSHH details available from our offices.

Please read our Users Safety Guide on the Handling of Resin and Polymer products.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.

ROTAFIX, ROTAFIX HOUSE, ABERCRAF, SWANSEA SA9 1UR. U.K.

TEL: +44 (0)1639 730481 FAX: +44 (0)1639 730858

e.mail: sales@rotafix.co.uk Website: www.rotafix.co.uk

SOUTHERN AREA CONTACT: TEL: +44 (0)1442 243169 FAX: +44 (0)1442 234901