

## 3:1 General Purpose Sand & Cement

### Description

3:1 General Purpose Sand & Cement is a prescribed mix of washed well graded sand and grey cement, for use as a general purpose sand and cement mix for a wide range of applications.

### Applications

3:1 General Purpose Sand & Cement is suitable for use in the following applications,

- Minor concrete repairs
- Masonry patch repairs
- Bedding mix for paving units
- Mortars for stonework

### Product Use

**Preparation:** Ensure the area is free from any dust, dirt or grease, and have a suitable sub-base where required. If using the material for patch repairs, cut back edges of surrounding material and prime if necessary, with a suitable primer (such as Kilsaran Priming Slurry) immediately before installation.

**Mixing:** 3:1 General Purpose Sand & Cement can be mixed in a semi-dry state for use as a bedding or haunching mix, or in a plastic state to use as a mortar or concrete mix. Follow the approximate water additions below,

	Semi-Dry		Plastic	
	25 Kg	10 Kg	25 Kg	10 Kg
Quantity of Material	25 Kg	10 Kg	25 Kg	10 Kg
Water Addition	2.0-3.0 ltr	0.8-1.2 ltr	3.5-4.0 ltr	1.4-1.6 ltr

**Placing:** Dependant of final application, but good concreting and masonry practices should be followed.

### Technical Data

KPRO MPC is produced in an ISO 9001 quality-controlled environment. MPC is a 30 N/mm<sup>2</sup> concrete as standard, however other strength classes are available upon request.

Characteristic	Data value
Compressive Strength (28 days)	30 N/mm <sup>2</sup>
Density	2200 kg/m <sup>3</sup>
Water-proofing & Anti Washout Agents	Available upon request
Polypropylene Fibres	Available upon request



### Benefits

- Consistently high-quality mix
- Constant available supply
- Eliminates inaccurate site mixing
- Increases site efficiency
- Convenient and User-Friendly
- Eliminates wastage
- Promotes cleaner and safer sites

### Approximate Yield

No. 25kg Bags	Approximate m <sup>3</sup>
1	0.01
2	0.02
5	0.06
10	0.1
20	0.2
40	0.5

### Application Temperatures



+5°C to +30°C

### Health & Safety

Please refer to the relevant Material Safety data sheet online at [www.kilsaran.ie](http://www.kilsaran.ie).

### Pack Size

- 25kg premixed bags

## Get in touch



**ROI** T: +353 (0)1 802 6300 E: [technicaladmin@kilsaran.ie](mailto:technicaladmin@kilsaran.ie) [kilsaran.ie](http://kilsaran.ie)

**UK** T: +44 (0)161 872 8899 E: [info@kilsaraninternational.co.uk](mailto:info@kilsaraninternational.co.uk) [kilsaraninternational.co.uk](http://kilsaraninternational.co.uk)