

## RSC Rapid Setting Concrete

### Description

KPRO RSC rapid setting concrete is a 40 N/mm<sup>2</sup> micro concrete mix suitable for use in all general concrete work, both internally and externally where rapid setting and rapid strength development are required.

### Applications

RSC is suitable for use in the following applications,

- Repair to footpaths, driveways, patios etc.
- Installation of ironwork and street furniture
- Haunching for paving and kerbing
- Post, sign and fence erection
- General concrete work where fast setting and rapid strength development are required.

### 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 reinstatement purposes cut back edges of surrounding concrete and prime if necessary, with a suitable primer (such as Kilsaran Priming Slurry) immediately before installation.

**Mixing:** Rapid Setting Concrete should be mixed with 2.5 – 3.3 litres of clean potable water to create a workable concrete mix. Slight water adjustments may be required to obtain the desired consistency. Excessive addition of water will weaken the mix considerably. RSC is a fast setting product, mix only enough material that can be installed in 10 minutes.

**Placing:** Once mixed place the fresh material in the prepared area to a depth of 25mm-100mm. The surface should be cured with a water based curing membrane and protected from premature drying and cold weather. For further information please visit [www.kilsaran.ie](http://www.kilsaran.ie) or consult our RRC technical data sheet.

### Technical Data

KPRO RSC is produced in an ISO 9001 quality-controlled environment. RSC is a 40 N/mm<sup>2</sup> concrete as standard, however other strength classes are available upon request.

Characteristic	Data value			
	6 hrs	24 hrs	7 day	28 day
Compressive Strength	10 N/mm <sup>2</sup>	25 N/mm <sup>2</sup>	30 N/mm <sup>2</sup>	40 N/mm <sup>2</sup>
Pot Life	10 mins			
Initial Set	20 mins			
Final Set	60 mins			
Water-proofing & Anti Washout Agents	Available upon request			
Polypropylene Fibres	Available upon request			



### Benefits

- Rapid setting mix
- Rapid strength development
- 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)