

RRC 60 Rapid Reinstatement Concrete

Description

RRC 60 is a rapid setting, rapid strength reinstatement concrete and can be used as per clause 1032 and 1106 of the NRA specification for road works, as well as other concrete reinstatement work where fast setting and early trafficking are essential.

Applications

RRC 60 is suitable for the following applications,

- Reinstating footpaths, driveways, patios
- Surface surrounds of posts, railings and bollards
- Surface surrounds to services in footpaths, e.g. hydrants etc.
- Reinstating surfaces, where early trafficking is required.

Product Use

Suitable for use in temperatures between +5°C and +30°C.

Preparation: Ensure the area is free from any dust, dirt or grease, and pre-dampened prior to application. Cut or scabble existing concrete to a depth of at least 10mm before placing RRC 60, as feather edge finishing is not recommended. The use of a suitable primer (such as Kilsaran Priming Slurry) is recommended for smooth substrates prior to placing.

Mixing: RRC 60 should be mixed with 2.75-3.15 litres of clean potable water per 25 kg bag, to achieve a workable concrete mix. Mixing can be carried out by a rotary or paddle mixer or by hand. Only mix enough material that can be placed within 5 minutes.

Placing: Once mixed place the fresh material in the prepared area to a depth of 25mm-100mm. The reinstated area should be cured with a water based curing membrane and protected from premature drying and cold weather. It is recommended that the area is also cured in accordance with clause 1027 of the NRA specification for roadworks (2000)

Technical Data

KPRO RRC60 is produced in an ISO 9001 quality-controlled environment.

Characteristic	Data Value		
		Flexural	Compressive
Strength (28 days)	1 Hour	3 N/mm ²	10 N/mm ²
	2 Hours	4 N/mm ²	15 N/mm ²
	4 Hours	5 N/mm ²	20 N/mm ²
	1 Day	6 N/mm ²	30 N/mm ²
	7 Day	11 N/mm ²	50 N/mm ²
	28 Days	12 N/mm ²	60 N/mm ²
Fresh Density	2000kg/m ³		
Pot Life	5 min-10 min		
Initial Set	10 min		
Final Set	15 min		



Benefits

- Rapid Setting – Final set in 15 minutes
- Shrinkage compensated
- Light foot traffic in just 1 hour
- One-part component
- Long term durability
- Poly fibre modified
- Eliminates wastage
- Freeze thaw resistant

Approximate Yield

Bedding Depth	Kgs per m ²	25kg bag per m ²
10	20	1
20	40	2
30	60	3
40	80	4
50	100	4
60	120	5
70	140	6
75	150	6

Application Temperatures



+5°C to +30°C

Health & Safety

Please refer to the relevant Material Safety data sheet online at www.kilsaran.ie.

Pack Size

- 25kg premixed bags

Get in touch



ROI T: +353 (0)1 802 6300 E: technicaladmin@kilsaran.ie kilsaran.ie
UK T: +44 (0)161 872 8899 E: info@kilsaraninternational.co.uk kilsaraninternational.co.uk