



Rapid Setting Concrete

Technical Data Sheet

Our superior quality pre-mixed Rapid Setting Concrete is produced at our state-of-the-art production facility at Brownstown in Co. Kildare. Kilsaran Rapid Setting Concrete is produced using dried aggregates, cements and additives. Admixtures are added into the mix design to manufacturer's specifications. All constituent materials comply with the relevant and current Irish, British and European standards.

Product Application

Kilsaran Rapid Setting Concrete is a micro concrete mix suitable for use in all general concrete work, both internally and externally where rapid setting and rapid strength development are required. Our Rapid Setting concrete is ideal for;

- 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

Kilsaran 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. Kilsaran Rapid Setting Concrete is a fast setting product, mix only enough material that can be installed in 10 minutes.

Product Yield

Approximately 2.0-2.2kg/mm/m² (1 bag = approximately 0.013m³)

Technical Data

Kilsaran Rapid Setting Concrete is produced in an ISO 9001 quality-controlled environment to the requirements of a concrete as set out in EN 206-1. Kilsaran Rapid Setting Concrete is a 40 N/mm² concrete as standard, however other strength classes are available upon request.

TECHNICAL DATA		
Pot Life	10 mins	
Initial Setting Time	20 mins	
Final Setting Time	60 mins	
Density	2200kg/m ³	
Waterproofing & Anti Washout Agents	Available on Request	
Polypropylene Fibres	Available on Request	
Colour	Standard Grey	
Compressive Strength	6 Hrs	10 N/mm ²
	24 Hrs	25 N/mm ²
	7 Days	30 N/mm ²
	28 Days	40 N/mm ²

Benefits

This product offers many advantages over conventional site-mixed or ready-mixed concretes:

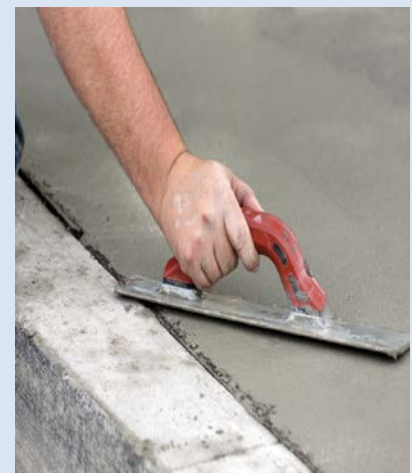
- Consistently high quality mix
- Eliminates inaccurate site mixing
- Rapid Setting allowing early trafficking
- Rapid strength development
- Convenient and User-Friendly
- Eliminates wastage
- Promotes cleaner and safer sites

Health & Safety

As with all cementitious-based materials and products, care must be taken to avoid contact with the skin. Please see the relevant Material Safety data Sheet online at www.kilsaran.ie.

Delivery

- 25Kg bags
- 10Kg bags



Get in Touch

IRELAND - T: +353 (0)1 802 6300 - E: technical@kilsaran.ie - W: www.kilsaran.ie

UK - T: +44 (0)161 872 8899 - E: technical@kilsaraninternational.co.uk - W: www.kilsaraninternational.co.uk

