

CRM-203 Rapid Pavement Repair

Description

KPRO CRM-203 is a rapid pavement repair mortar specifically formulated for a wide range of pavement repair applications between 30mm and 150mm in depth. Greater depths are possible using a layer on layer method. CRM-203 can be used as per clause 1032 and 1106 of the NRA Specification for Roadworks.

Applications

CRM-203 is suitable for use in the following applications,

- Reinstating footpaths, driveways and walkways
- Surrounds to posts, railings and bollards
- Installing services in footpaths (hydrants etc.)

Product Use

Preparation: Before using KPRO CRM-203, the preparation of the concrete area is of critical importance. Suitable for use in temperatures between +5°C and +30°C. Substrates should be clean, dry and free from all dust and grease. The use of a bonding agent is recommended. Dampen substrate surfaces prior to installation, ensuring to avoid saturation.

Mixing: Add the contents of a 25kg bag to 2.5-3.0 litres of clean potable water. Mix the material for 1-2 minutes in a suitable drum mixer or by using a suitable paddle mixer. Using excess water will affect the overall performance of the product.

Placing: CRM-203 should be placed and finished within 20 minutes of mixing. Once mixed, place the fresh material onto the prepared substrate and level using a steel float or trowel. The overall finished thickness of CRM-203 should be 30mm-150mm. Greater depths should be laid in a layer on layer method. Once the material has stiffened slightly, edge and give the desired finish, such as brushed to create a non-slip surface. The newly installed area should be cured in accordance with CL. 1027 of the above mentioned standard specification.

Curing: The newly installed area should be cured in accordance with CL. 1027 or should be as per standard practices for cement based products. Repair mortar should be protected from strong sunlight and cold weather. Care should be taken to ensure water does not run onto recently repaired areas less than 12 hours old.

Technical Data

KPRO CRM-203 is tested in a certified ISO 9001 factory production control Quality Management environment

Characteristic		Data value	
Strength		Flexural	Compressive
	1 day	> 5.0 MPa	> 20.0 MPa
	2 day	> 7.0 MPa	> 30.0 MPa
	7 day	> 10.0 MPa	> 45.0 MPa
	28 day	> 12.0 MPa	> 50.0 MPa
Fresh Density	2200 kg/m ³		
Pot Life	20 mins		
Initial Set	40 mins		
Final Set	60 mins		
Open to Foot Traffic	90 mins		
Open to Vehicular Traffic	24 hours		



Benefits

- Shrinkage compensated
- Rapid setting and early strength
- Early trafficking
- Convenient and User-Friendly
- Chloride free
- Provides a durable finish
- Freeze thaw resistant

Approximate Yield

Coat Thickness	m ² per 25 kg bag
30mm	3
50mm	5
80mm	7
100mm	9
120mm	10
150mm	13

Application Temperatures



+5°C to +25°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



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