

TECHNICAL DATA SHEET

CSM-100 Resurfacing Concrete

Description

KPRO CSM-100 is a rapid setting resurfacing mortar mix specifically formulated for a wide range of resurfacing applications between 2mm and 15mm in depth.

Applications

CSM-100 is suitable for use in the following applications,

- · Resurfacing of concrete pathways
- · Resurfacing of concrete driveways
- Resurfacing and repair of concrete stairwells and walkways, where early trafficking is required.

Product Use

Preparation: Paints, sealers, and biological growth must be removed prior to application of the product. Existing concrete substrates should be scrabbled to expose the concrete aggregate. Prior to application, dampen the substrate with clean potable water. Absorbent substrates should be pre-soaked and have all ponded water removed. Expansion joints in the substrate must be carried through the resurfacing material.

Mixing: Mix the contents of a 25kg bag with 3.0-3.3 litres of clean potable water for 1-2 minutes using a rotary or paddle mixer. Only mix enough material that can be placed and finished in 15 minutes.

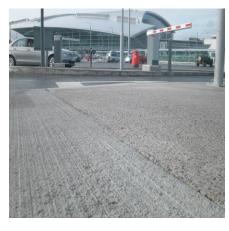
Placing: Once mixed, pour the fresh material onto the prepared substrate and level using a steel float or trowel. The overall finished thickness of Kilsaran CRM-100 should be 2mm-15mm. Once the material has stiffened slightly, edge and give the desired finish, such as brushed to create a non-slip surface. The new surface should be protected from extreme wind and/or sun.

Curing: The newly installed area should be cured 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 CSM-100 is tested in a certified ISO 9001 factory production control Quality Management environment

Characteristic		Data value	
	Flexural	Compressive	
1 day	> 5 MPa	> 25 MPa	
7 day	> 7 MPa	> 35 MPa	
28 day	> 10 MPa	> 50 MPa	
2100 kg/m³			
15-20 mins			
20 mins			
45 mins			
90 mins			
	24 hours		
	7 day	1 day > 5 MPa 7 day > 7 MPa 28 day > 10 MPa 2100 kg/m³ 15-20 mins 20 mins 45 mins 90 mins	



Benefits

- Thin application between 2mm and 15mm
- · Rapid setting and early strength
- · Early trafficking
- · Convenient and User-Friendly
- · Chloride free
- · Provides a durable finish

Approximate Yield

Coat Thickness	m² per 25 kg bag
2mm	6.25
5mm	2.50
10mm	1.25
15mm	0.83

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



