

## 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 scrubbed 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
Strength	1 day	> 5 MPa
	7 day	> 7 MPa
	28 day	> 10 MPa
Fresh Density	2100 kg/m <sup>3</sup>	
Pot Life	15-20 mins	
Initial Set	20 mins	
Final Set	45 mins	
Open to Foot Traffic	90 mins	
Open to Vehicular Traffic	24 hours	



### 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	m <sup>2</sup> 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](http://www.kilsaran.ie).

### Pack Size

- 25kg premixed bags

### Get in touch



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