



Our superior quality pre-mixed Profix 100 is produced at our state-of-the-art production facility at Brownstown in Co. Kildare. Kilsaran Profix 100 is produced using dried sands, cement 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 Profix 100 is a rapid setting mortar mix specifically formulated for a wide range of resurfacing applications between 2mm and 15mm in depth. Some of these applications include;

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

Product Use

Suitable for use in temperatures between +5°C and +30°C. The concrete substrate (existing concrete) must be mature (at least 6 weeks old) and should be clean, dry and free from all dust and grease. Paints, sealers, and biological growth must be removed prior to application of the product. 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. Mix the contents of a 25kg bag with 3.0-3.3 litres of clean potable water for 1-2 minutes. Only mix enough material that can be placed and finished in 15 minutes.

Once mixed, pour the fresh material onto the prepared substrate and level using a steel float or trowel. The overall finished thickness of Kilsaran Profix 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.

Product Yield

Approximately 2.0kg/mm/m²

Technical Data

Kilsaran Profix 100 is produced in an ISO 9001 quality-controlled environment.

TECHNICAL DATA			
	1 Day	7 Day	28 Day
Compressive Strength	25 N/mm ²	35 N/mm ²	50 N/mm ²
Pot Life	15-20 min		
Initial Set	20 min		
Final Set	45 min		
Open to Foot Traffic	1.5 hours (at 20°C)		
Open to Vehicular Traffic	24 hours		

Benefits

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

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

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

