



Our superior quality Cemfloor screed is produced in our state-of-the-art production facilities. Kilsaran Cemfloor is produced using, cementitious binders, washed, well graded aggregates and high performance additives. All constituent materials comply with the relevant and current Irish, British and European standards.

Product Application

Kilsaran Cemfloor is a cementitious levelling screed for use in bonded, un-bonded and floating screed applications. Cemfloor is suitable for use internally, in residential and commercial applications and should be covered with a final floor covering. Cemfloor is suitable for application thicknesses between 25-80mm. Kilsaran Cemfloor is available delivered to site in ready-mixed concrete trucks or in dry pre-blended 25kg bags that only require the addition of water on site.

Product Use

Kilsaran Cemfloor should be used and installed at a flow of 240-260mm. Larger areas should be installed using a suitable screed pump. In all instances Cemfloor should be installed by an approved installer and in accordance with BS 8204-7: *Code of Practice for Pumpable Self Smoothing Screeds*, and Kilsarans Cemfloor Installation Guide. For further information on the application and installation of our Cemfloor screed please see our *Cemfloor Installation Guide*.

Mixing Instructions (25kg bag)

Kilsaran Cemfloor 25 kg bags should be mixed with 3.85 litres of clean potable water to achieve a flow of 240mm – 260mm. A flow test should be carried out, prior to installation, on a dry Kilsaran vicat plate using a truncated cone complying with BS 8204-7. Slight adjustments in water addition may be required to gain the flow values stated above. Small areas can be mixed by means of a paddle/force action mixer, whereas larger areas should be mixed and installed using a suitable screed pump

Technical Data

Kilsaran Cemfloor screeds are produced in ISO 9001 quality-controlled and ISO 14001 environmental environments to the requirements of a cementitious levelling screed as set out in EN 13813. Kilsaran Cemfloor Screeds are available in CT- C20-F4, CT-C25-F5 and CT-C30- F6 screed strength classifications as set out in EN 13813.

EN 13813 Cementitious (CT) levelling screed material for use in internal floor applications.			
Compressive Strength	C20	C25	C30
Flexural Strength	F4	F5	F6
Reaction to Fire	A1		
Shrinkage (28 days)	< 0.05%		
Thermal Conductivity	2.9 W/mK		
BRE Impact Test (2kg)	< 2mm		
Surface Regularity	SR2		

MINIMUM LAYING DEPTHS	
Bonded	25mm
Un Bonded	30mm
Floating	35mm
Commercial	40mm
Over UFH Pipes	25mm

Benefits

This product offers many advantages over conventional screeds:

- Ideal for use over under floor heating
- Rapid installation reducing labour costs.
- No laitance, meaning no sanding required.
- Screed is open to foot traffic after just 24 hours.
- Super flat finish means no need for follow on levelling compounds prior to application of floor finish.

Health & Safety

As with all cement 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

- Ready-mixed (minimum delivery 1m³)
- Pre-blended (dry) 25kg bags

