

## FLS-410 Polymer Sand & Cement Screed

### Description

KPRO Floor FLS-410 screed is a polymer modified, semi dry, fibre reinforced levelling screeds for use in domestic, commercial and industrial applications. The product complies to the requirements of EN 13813 and should be used in accordance with this standard and manufacturer's instructions.

### Applications

KPRO Floor FLS-410 screed is suitable for use internally, in bonded, un-bonded and floating screed constructions. The material provides a smooth level surface for easy installation of final floor coverings. It is not designed for use as a wearing surface.

### Product Use

Ensure the supporting concrete base has a minimum strength of C25/30, is stable, sound and free from any dust, dirt or grease. The supporting base should then be pre-soaked and have all ponded water removed prior to application. KPRO Floor FLS-410 screed is for use internally as a levelling screed and should be mixed with clean potable water on site to produce a semi dry screed material. The material is placed, compacted and levelled by use of a screeding board. In all instances the products should be used in accordance to BS 8204-3.

**Preparation:** For bonded screeds the supporting base should then be pre-soaked, having ponded water removed, and should be primed with a suitable cementitious primer such as KPRO Street PS. For unbonded and floating screeds ensure plastic membrane is secured, overlapped at joints and taped. For heated screed ensure under floor heating is turned off prior to installation of the screed material. For further information consult BS 8204-1.

**Mixing:** The 25kg bag of material should be mixed with 2.3-2.5 litres clean potable water on site to produce a semi dry screed material.

**Placing:** The material is placed, compacted and levelled by use of a screeding board. In all instances KPRO Floor FLS-410 should be used in accordance to BS 8204-1&3.

### Technical Data

KPRO SC screeds are produced in an ISO 9001 quality-controlled environment to the requirements of EN 13813.

<b>CE</b>	
Kilsaran Concrete, Piercetown Dunboyne Co. Meath Ireland 13	
EN 13813 CT – C25 – F4 Cement based levelling screed material for internal use	
Compressive Strength	C25
Flexural Strength	F4
Reaction to Fire	A1
Release of Corrosive Substances	CT



### Benefits

- Consistently high-quality mix
- Constantly available supply
- Polymer Modified
- Eliminates inaccurate site mixing
- Low shrinkage/good crack resistance
- Convenient and User-Friendly
- Eliminates wastage
- Promotes cleaner and safer sites

### Laying Depths

Screed Construction Type	Minimum Depth
Bonded	25mm
Un-bonded	45mm
Un-bonded (Commercial)	50mm
Floating	55mm
Coverage over UFH pipes	35mm

### Approximate Yield

Coat Thickness	Coverage per 25kg bag
1	0.011
10	0.11
20	0.23
40	0.45

### Application Temperatures



+5°C to +30°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
- Bulk silos

### Get in touch



**ROI** T: +353 (0)1 802 6300 E: [technicaladmin@kilsaran.ie](mailto:technicaladmin@kilsaran.ie) [kilsaran.ie](http://kilsaran.ie)

**UK** T: +44 (0)161 872 8899 E: [info@kilsaraninternational.co.uk](mailto:info@kilsaraninternational.co.uk) [kilsaraninternational.co.uk](http://kilsaraninternational.co.uk)