

Sprayed Concrete

Technical Data Sheet

Our Sprayed Concrete is produced in our state-of-the-art production facility at Brownstown in Co. Kildare. This product is manufactured using dried sands, cement and additives. All constituent materials comply with the requirements of the relevant and current Irish, British and European standards.

Product Application

Kilsaran Sprayed Concrete is supplied in a range of strength classes to suit the specifier, comply with the strength requirements of IS/BS EN 206-1. Kilsaran Sprayed Concrete is a sand, cement and fine aggregate based material, and should be used in accordance with the EFNARC Specification for Sprayed Concrete.

Kilsaran Sprayed Concrete is mixed using our silo mixer, directly into the spraying/shotcrete machine, or if supplied in bags, mixed by the spray/shotcrete machine and applied to the prepared substrate.

Kilsaran Sprayed Concrete is suitable for the following applications;

- Insulated Concrete Formwork.
- Surface conditioning or repair.
- Rock & ground stabilisation and support.
- Support of excavations.
- As a general structural concrete.

Technical Data

Kilsaran Sprayed Concrete Screed is produced in an ISO 9001 quality controlled environment with the constituents complying with the requirements of IS/BS EN 206-1.

| Strength Class | C25/30 | C28/35 | C32/40 |
|--|---------------|--------|--------|
| Cube Compressive Strength (N/mm ²) | 30.0 | 35.0 | 40.0 |
| Density (Kg/m ³) | 2050 | | |
| Polypropylene Fibre | YES | | |
| Colour | Standard Grey | | |

* Tests are carried out at 20°C. Colder weather will retard the product performance with acceleration during warmer weather

Benefits

This product offers many advantages:

- Formulated for superior workability.
- Low rebound formulation.
- Formulated to give greater crack resistance.
- Pre-blended giving accurate mix proportions.
- Eliminates wastage
- Promotes cleaner and safer sites

Health & Safety

As with all construction materials and products, care must be taken to avoid contact with the skin and eyes. Please see the relevant Material Safety data Sheet online at www.kilsaran.ie.

Delivery

- 25Kg bags
- Silos (max 33 tonnes)

Revision

DP_304_!

