

Coloured Polished Concrete | Power Trowelled Surface Finish

75-100mm cementitious screed with a colour surface hardener, power trowelled to matt, satin or gloss finish.

1 APPLICATION

Our team of experts produce each floor using locally sourced materials and aggregate, meaning each floor is unique in appearance due to this natural variance. This provides a floor that is beautifully tied to its local surroundings.

Once poured, an application of coloured dry-shake hardener is applied to the fresh concrete and finished with a power trowel to form a layer with greater impact and abrasion resistance. It reduces the risk of surface spalling/cracking and limits the formation of dust and lime deposits on the surface. Available in a wide range of colours.

The final stage is the application of a sealant coating to help limit the risk of staining.

2 DESCRIPTION

Architecturally designed cementitious screed with a power-trowelled surface with added colour surface hardeners.

Features and benefits:

- 75-100mm thick screen, can be installed directly over underfloor heating.
- Available in a wide range of colours.
- Hard-wearing and durable surface suitable for all public, commercial and residential projects.
- Natural and industrial aesthetic with a unique appearance.
- Slip resistance of +36 PTV available in the wet.
- Fast and efficient installation.
- Sustainable & Eco-friendly.
- Anti-static properties to the requirements of BS 2050:1978 & BS EN 100015
- Can support & contribute to LEED compliance.
- Suitable for interior & exterior applications.



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GENERAL INFORMATION

Finish – Coloured polished concrete.

- Bespoke power trowelled finish
- Custom colour surface range
- Handcrafted installation process
- Anti-static properties
- Matt, Satin or Gloss finish

Material – Readymix Concrete with colour surface additive.

Unbonded C28\35 concrete screed to BS EN 206-1 and BS 8500-2.

3 MEASUREMENTS

- Length - Bespoke
- Width - Bespoke
- Height - Bespoke

4 WARRANTY

- One-year defect warranty
- Extended warranty options available

5 CAWS

- E10/105 Designated concrete
- E10/110 Basic designated concrete
- M10/130 Proprietary quick-drying levelling screeds
- M10/7 Proprietary quick-drying levelling screeds



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6 SPECIFICATION DATA - CEMENTITIOUS WEARING SCREED SYSTEMS

Screed - Unbonded C28\35 concrete screed to BS EN 206-1 and BS 8500-2.

Colour - Insert custom colour requirement, contact manufacturer for information.

Material – Readymix Concrete - Mix Composition

Unbonded C28\35 concrete screed to BS EN 206-1 and BS 8500-2.

- Cement: CEM 1 to BS EN 197-1, minimum cement content of 320 kg/m³
- Water: Minimum content 184 kg/m³
- Course aggregate single size: 10-20 mm with max-content 1050kg/m³.
- Fine Aggregate with a minimum content of 1,050kg/m³.
- Admixture: 10-20mm polypropylene fibres maximum content 0.9kg/m³.
- Slump Class: S3
- Water/Cement Ratio: 0.58

Depth - 75—100 mm.

Reinforcement - One layer of A252 spaced on 40/50 mm spacers. 10 mm wide rib dowel bars to all corners.

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7 ENVIRONMENTAL CREDENTIALS

- **Contains Red List materials** - No
- **Country of material origin** - Ireland & United Kingdom
- **Country of product manufacture** - Ireland & United Kingdom
- **Maintenance:** Low energy maintenance requirements
- **VOC Content:** Reduced emissions due to no adhesive or plastic requirements.
- **Heat Efficiency:** Thermal Mass moderates heat efficiently
- **Energy Efficiency:** Highly reflective requires reduced lighting.
- **Sustainability:** Long lifespan reduces environmental impact.
- **Resource Efficiency:** Existing floor used as a floor finish
- **Non Combustible:** Offers exceptional non-combustible properties.
- **Acoustic Properties:** Reduced Sound Transmission.
- **Reduced Carbon Footprint:** Utilizes locally sourced materials.
- **Air Quality:** Indoor air quality is improved by resisting allergens and mould.
- **Recyclability** - Can be broken out and recycled



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