

Speed Screed



Description

Speed Screed is a cementitious material modified with a blend of polymers and resins. The product is pre-blended for easy mixing and fast application, and it provides a mid-grey, nondusting, slip-resistant surface that requires no further treatment before use.

Main Properties

Extremely durable, meets the demands of industrial use. Self-smoothing, can be overpainted if required. Apply from 3mm to 15mm thick. Suitable for interior or exterior use.

Recommended Uses

For smoothing uneven, damaged or worn concrete floors. A pour on, durable re-surfacing material.

Technical Data

Appearance:	Dense, matt
Colour:	Mid-grey
Strength:	Tensile: 5.2 MN/m ² (concrete: 3.4 MN/m ²) Flexural: 7.7 MN/m ² (concrete: 6.9 MN/m ²) Compressive: 29.0 MN/m ² (concrete: 21-41 MN/m ²)
Drying Times	15-20°C/50% r.h. (lower temperatures will retard curing)

Foot and light traffic:	After approximately 6 hours
Forklift traffic:	After 2 hours
Full hardness:	24-36 hours when laid at normal thickness

Coverage

Theoretical:	As a guide, a 25kg pack will cover 3.75m ² at 3mm thickness, 2.25 m ² at 5mm thickness, 1.13m ² at 10mm thickness
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application

Surface Preparation

Concrete should be free of loose material, soft surface laitance and contaminants. New concrete must be at least four weeks old. Remove all loose material by wire brushing. General dirt, etc, should be removed with a strong neutral cleaner. Oil and grease can be removed with a multipurpose degreaser. Cracks in concrete should be raked out and all loose material removed.



Direction for Use

Priming:

Two primers are supplied. Dampen areas of bare concrete with clean cold water and leave for 20 to 30 minutes prior to applying Primer 1. Apply Primer 1 to the prepared surface using a brush or soft broom. Apply the Primer evenly avoiding 'ponding' on the surface and allow it to dry. Then apply Primer 2.

Mixing:

Immediately after Primer 2 has been applied, pour the resin into the empty Speed Screed container. Add the powder to the liquid slowly and blend in using a slow speed electric drill fitted with a paint stirrer until a completely even colour and consistency is obtained (3 to 5 minutes).

Application

Pour the mixed components onto the wet Primer 2. Use a trowel to spread the Speed Screed across the surface of the concrete at the desired thickness (it may be convenient to work to a thin batten but this must be removed before working further sections). It is not essential that trowel marks are removed at this stage. Immediately after application a spiked roller should be used to even out the material and release any trapped air. Use the spiked roller quite vigorously rolling each area 3 or 4 times from different directions. The spiked roller should not be used for more than 20 minutes as the Speed Screed will have started to cure and the roller may leave marks. If it is necessary to walk on areas of wet primer whilst applying Speed Screed care should be taken not to tread wet primer or Speed Screed onto surrounding surfaces. In exceptional temperature conditions advice should be obtained from our Technical Department.

Cleanup:

Water will remove Anglo Speed Screed from tools providing that the product has not started to cure.

Application Conditions

Ambient temperature of approximately 15°C to 20°C and good ventilation. Lower temperatures will retard curing. Do not apply at less than 5°C.

Remarks

The surface is inherently anti-slip in dry conditions.

When fully cured, Speed Screed can be cleaned with detergents or degreasers. Do not subject to temperatures in excess of 60°C. The surface may become stained by certain contaminants. We recommend painting Speed Screed if a more easily wiped clean finish is required.

Safety

Consult Safety Data Sheet and Safety Information printed on the can.

Shelf Life / Storage Conditions

1 year from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.