



SPEED SCREED

Anglo Speed Screed smooths uneven, damaged or worn concrete floors. A pour on, durable re-surfacing material.



Rough concrete floors can be transformed rapidly and easily with this self-smoothing, hard wearing material designed to meet the demands of industrial use.

Anglo Speed Screed is pre-blended for easy mixing and fast application, and it provides a mid grey, non-dusting, slip-resistant surface that requires no further treatment before use.

- **Extremely durable**
- **Can be overpainted if required**
- **Apply from 3mm to 15mm thick**
- **Suitable for interior or exterior use**



PROFESSIONAL QUALITY

PRODUCT INFORMATION

AVAILABILITY

Anglo Speed Screed is available in 30kg packs comprising primers, resins, cement and fillers.

APPEARANCE

Dense, matt, mid-grey surface. A slightly mottled surface may be produced by the spiked roller used to remove the air bubbles.

COMPOSITION

A cementitious material modified with a blend of polymers and resins.

STRENGTH

The table shows the typical strength properties of Anglo Speed Screed in comparison with average concrete.

<i>Anglo Speed Screed</i>	
Tensile Strength	5.2 MN/m ²
Flexural Strength	7.7 MN/m ²
Compressive Strength	29.0 MN/m ²
Concrete	
Tensile Strength	3.4 MN/m ²
Flexural Strength	6.9 MN/m ²
Compressive Strength	21-41 MN/m ²

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 Anglo Multi-Purpose Degreaser. Cracks in concrete should be raked out and all loose material removed.

STORAGE

The product should be stored at a temperature range of 15°C - 25°C for 8 hours prior to use. After long term or high temperature storage the primers and bottle of resin must be shaken thoroughly before applying or mixing. Never allow the product to freeze.

PAINTED OR SEALED SURFACES

Mechanically remove as much paint or sealant as possible. Please refer to Anglo's Technical Department for further advice.

PRIMING

Two primers are supplied. Dampen areas of bare concrete with clean cold water and leave for 20 - 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 Anglo 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 Anglo 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 Anglo Speed Screed care should be taken not to tread wet primer or Anglo Speed Screed onto surrounding surfaces.

In exceptional temperature conditions advice should be obtained from Anglo's Technical Department.

CURING TIME

Foot and light traffic may be allowed after approximately 6 hours. The surface will be available for full use after 24-36 hours when laid at normal thickness. These guidelines assume an ambient temperature of approximately 15°C - 20°C and good ventilation. Lower temperatures will retard curing. Do not apply at less than 5°C. Temperatures over 25°C can make the material a little sticky to apply and lead to rapid drying out causing surface crazing.

CLEANING OF EQUIPMENT

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

COVERAGE

As a guide, a 30kg pack will cover 4.5m² at 3mm thick; 2.7m² at 5mm thick; 1.35m² at 10mm thick.

CHEMICAL RESISTANCE

Please refer to Anglo's Technical Department for advice.

SHELF LIFE

One year in manufacturer's unopened containers.

SAFETY

All product labels provide general safety information. Material Safety Data Sheets are available. Food products must be removed from the area during application and cure.

SLIP RESISTANCE

The surface is inherently anti-slip in dry conditions.

GENERAL MAINTENANCE

When fully cured, Anglo 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 Anglo Speed Screed if a more easily wiped clean finish is required.

OVERCOATING

Anglo epoxy coatings may be used to coat the surface of Anglo Speed Screed where a more decorative finish is desired. Solvent free products can be applied after 24-36 hours. Solvent based epoxy coatings should not be applied for 7 days.

Anglo Epoxy Floor Paint (solvent free) provides a hard wearing, attractive surface. Anglo Safe 'T' Epoxy (solvent free) or Anglo Tread Safe (solvent free) offer anti-slip finishes to promote a safe working environment. We do not recommend application of Anglo Floor Paint or any paint that may be affected by the residual alkalinity of the recently laid Anglo Speed Screed.

IMPORTANT

Do not apply to surfaces where sugars or sugar solutions have been stored.

ORDERING

Available from stockists throughout the UK. All Anglo products are sold subject to the Company's Standard Conditions of Sale.

The Company and its representatives are often asked to comment on potential uses of Anglo products which differ from those described in the Company's data sheets. Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by the Company.

All information is based on results gained from experience and testing and is believed to be accurate, but it is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control.

APPLICATION TOOLS

Tools available for applying
Anglo Speed Screed



Spiked Roller



Stirrer for use with an electric drill
(essential for mixing Anglo Speed Screed)

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