

# POLYSCREED EPT

## One Colour Pigmented Power Trowel Screed 5 mm

Polyscreed EPT is a hard wearing, pigmented floor screed providing exceptional abrasion and wear resistance. Polyscreed EPT is also available with a chemical resistant sealer and can be finished off in a gloss or matt finish.

The product is abrasion resistant, ideal for demanding heavy duty industrial environments for both wet and dry process areas where there is high impact and heavy traffic with chemical spills.

### UNIQUE PRODUCT BENEFITS

- Easy to clean and maintain.
- Seamless and hygienic finish.
- Excellent scratch and mar resistance.
- High chemical resistance.
- Excellent stain resistance.
- Rapid installation.

### APPLICATIONS:

- Ideal for demanding, heavy duty traffic environments where durability is required.
- Wet and dry process areas, industrial and dispatch warehouses as well as canteens.
- Can also be applied where there are chemical spillages.

### SUBSTRATE REQUIREMENTS

Surfaces to be coated must be clean and free of dust, oily residues and loose friable material. All surfaces to be suitably prepared using grinders, shot blasting or scarifiers to remove laitance.

Substrate must be a concrete screed Grade 2 evenness and must be a minimum of 20 MPa compressive strength and must have a tensile pull off exceeding 1.5 Mpa. The substrate should be dry to

### TECHNICAL DETAILS

Compressive Strength	> 70 MPa	BS6319
Tensile Strength	> 1.5 MPa	
Flexural Strength	> 15 MPa	
Concrete Adhesion	>1.5 MPa (Concrete failure)	ASTM D7234
Application	Power trowel	
Profile	Smooth	
Finish	Matt or gloss	
Application Temperature	5 to 30°C	
Service Temperature	60°C max dry	
Film Thickness	4.5 to 5 mm system	
Chemical Resistance	Consult technical department for details	
Colour	Various	
Walk On Time	18 hrs @ 20°C	
Full Cure	7 days	

### SYSTEM DETAILS

Solidkote UP Primer, Scatter Aggregate, EPT Slurry, Natural Quartz, Solidkote Robust alternatively for a chemical resistant clear finish; Solidkote CR.

75% RH (BS 8204) and free from rising damp or ground water pressure.

Note: Any filling of blowholes/voids and surface levelling of substrate can be achieved using appropriate products within Technical Finishes Construction Range (please speak to one of our technical sales representatives).

### INSTALLATION:

This is a specialized system that must be installed by an approved applicator with documented quality assurance. Consult Technical Finishes for list of approved applicators.

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## HEALTH AND SAFETY

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHS Act No.85 of 1993. The finished system is not hazardous to health or the environment.

## WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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