

ALTROSCREED

4-6mm CHEMICAL RESISTANT EPOXY SCREED

Altroscreed is a high strength floor screed comprising of a two pack self-coloured epoxy and specifically graded quartz aggregate. Altroscreed can be sealed with a choice of resin systems resulting in a surface that provides exceptional abrasion and chemical resistance in combination with good under-foot traction* and ease of maintenance.

TYPICAL AREAS OF USE

- **Dry** Light to Medium Duty
- Manufacturing Areas
- Workshops
- Warehouses
- Packing Areas

ADVANTAGES

- Variable Traction *
- Can Be Laid to Falls
- Vertical Application Possible
- Chemically Resistant
- Abrasion Resistant
- Attractive Range of Colours

* HEALTH and SAFETY WARNING

Wet Floors can be Dangerous, A Duty of Care must always be Exercised in Wet Areas

SUITABLE SUBSTRATES INCLUDE

Concrete, Granolithic, Stone, Terrazzo, Brick, Timber / MDF, Metal

STANDARD COLOURS

Wedgwood, Cloud, Terra, Gunmetal, Maize, Spruce, Oatmeal, Dawn, Mink, Ruby, Stone, Flint, Ink Blue, Wine Red, Winter Grey, Autumn Yellow, Safety Red, Safety Yellow, Black.

Please note that the colour of the unsealed screed is influenced by the aggregate component and may not be representative of the shade card. Special colours are available on request and subject to minimum order quantity

CHEMICAL RESISTANCE

Altroscreed affords excellent resistance to a wide range of commonly used chemicals. An extensive listing is shown in the Chemical Resistance Data Sheet.

SUBSTRATE REQUIREMENTS

Surfaces should be dry, structurally sound and free from any contamination that may affect either the adhesion or penetration of Altroprime. All residues of old paint coatings, installation laitence and dust must be removed. Ensure that floors and walls have an effective DPM installed and that residual moisture does not exceed 5% by weight (75% R.H).

PREPARATION

Detailed instruction sheet ref no. ATD 029 is available on request covering all aspects of surface preparation and product application procedures.

INSTALLATION CONDITIONS

Apply in well ventilated areas and maintain application and subsequent cure temperatures between +13⁰ - +25⁰ C. (Min slab temperature +5⁰ C).

FLOOR JOINTS/DETAILING

Refer to instruction sheet.

COVERAGE 3.75m²/30kg unit @ 4mm
2.50m²/30kg unit @ 6mm

Material usage is dependent upon temperature, surface profile and porosity, stated coverage rates should be referred to for guidance only and cannot be relied upon to determine exact quantities.

PROPERTIES

Application Temperature Range	+ 13 ⁰ - + 25 ⁰ C
Resin Gel Time (100g @ 20°C)	50 mins
Foot Traffic	24 hrs
Full Cure	7 days

TYPICAL PHYSICAL PROPERTIES

Hardness (SHORE D)	85kg
Slant/Shear Bond Strength	30.1N/mm ²
Taber Abrasion	
(wt.loss/H22 wheel/1kg/100revs.)	0.92%
Resin Density (BS 6319)	1.99 g/cm ³
Water Absorbtion (BS 2782)	+0.9%
Compressive Strength (BS 6319)	75.6N/mm ²
Flexural Strength (ASTM D790)	26.2MPa
Tensile Strength (BS 6319)	2.21N/mm ²
Flexural Modulus (ASTM D790)	202MPa

PACKAGING

Available in 30kg, 3 part composite packs.

Associated Data Sheets and Further Information:

- Surface Preparation
- Application Methods
- Chemical Resistance Chart
- Floor Maintenance - Resin Based Products
- Storage and Handling - Resin Based Products
- Material Safety Data Sheet – Altroscreed.

DATA SHEETS CANNOT COVER EVERY SITUATION. IF IN DOUBT. ASK.

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