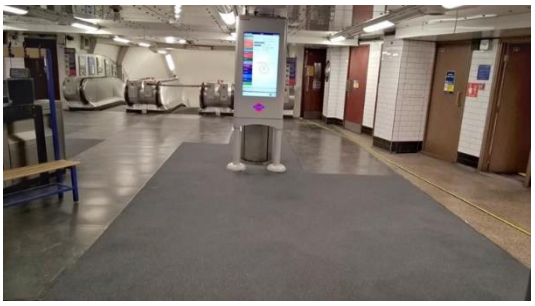
RESBUILD MMA SMOOTHSCREED FR

Fire Rated and Slip Resistant MMA Screed System
Meets LUL section 12 requirements for underground stations

Resbuild MMA Smoothscreed FR has been specifically designed to provide a seamless, hard wearing, slip resistant floor in compliance with section 12 requirements for London Underground stations. The product exhibits very fast curing characteristics allowing a rapid return to service.

- Flame retardant and smoke suppressant properties
- Fast cure and return to service
- Very good chemical resistance
- Hard wearing
- Excellent abrasion resistance
- Hygienic and easily cleaned
- Range of slip resistant finishes possible
- Sound adhesion to concrete and metal substrates
- No corrosive or halogen components



Meets London Underground Section 12 requirements
Relevant test certificates available on request.

Technical Profile

SLIP RESISTANCE	
4R-M125	PTV = Dry: 64 Wet: 51
COMPRESSIVE STRENGTH	
EN12190	54MPa
ADHESION TO CONCRETE	
EN1542	3.6MPa (Concrete Failure)
SURFACE SPREAD OF FLAME	
BS 476: Part 7: 1997	Class 2
WEIGHTED TOXIC FUME (R VALUE)	
BS6859:1999: Annex B.2	R Value: 2.28
SMOKE DENSITY	
BS6853:1999: Annex D.8.6	A_o (max): 173
SPEED OF CURE (20°C)	
Light Traffic Full Traffic Full Chemical Cure	1 Hour 2 Hours 24 Hours

Products Included in This System

Primer	Resbuild MMA Primer @ 0.25kg/m²
Body Coat	Resbuild MMA Smoothscreed FR @ 5.6kg/m²
Aggregate	Silicon Carbide @ 4-6kg/m²
Sealer	Resbuild MMA Sealer FR 1st Coat @ 0.5kg/m² 2nd Coat @ 0.3kg/m²

Substrate Requirements

Concrete or screed substrate should have a minimum compressive strength of 25MPa and be free from laitance, dust and other contamination. The residual moisture content should not be more than 6% and the substrate should be free from rising damp and hydrostatic pressure. Suitable mechanical preparation should be carried out prior to application of the system.

Please refer to the model specification for further information on substrate preparation.

Colour

Resbuild MMA Smoothscreed FR is available in a full range of RAL Classic and BS 4800 colour finishes.

Health and Safety

Resbuild MMA Smoothscreed FR is flammable during application, adequate safety precautions should be observed.

Avoid contact of the material with skin and eyes.
Wear gloves and goggles.
Wash off splashes immediately with soap and water.
Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information.

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on Resin Building Products Limited current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).