Technical Data - High Solid Sealer

05/06/2025

PICS
www.picsuk.com

PRODUCT DESCRIPTION

High Solid Sealer is a pre-mixed, colourless blend of high-grade acrylic resin polymers and aromatic solvents.

PURPOSE

To impregnate a PICSPAVE slab and combine the benefits of curing, hardening, dust proofing and sealing.

SPECIAL PROPERTIES

- Hardens & seals concrete permanently
- Special blend of polymers do not soften in hot temperatures nor become brittle in freezing conditions
- High viscosity ensures full penetration into the dense surface matrix creating a true in-surface seal (ISS)
- Non-reemulsifiable, non-blooming when wet
- 100% inter-coat adhesion
- Curing Agent – allows slab moisture emigration prior to reaching full hardness
- Non-yellowing
- Anti-carbonising agent
- Mechanical bond with surface matrix prevents delamination
- Tough, durable and hard wearing
- Designed for use with PICSPAVE to bring out and enhance the full depth of colour of the CSH and RA
- Slip Resistant
- Petrol, Diesel,Oil & Grease resistant

APPLICATION INSTRUCTIONS

The area MUST be clean and dry before sealing. On newly installed areas this includes using Acid Wash to remove the excess Release Agent (RA). The sealer can be applied by soft broom or sprayer (with Viton™ seals) and a solvent resistant hose and body. Apply in two even coats. Avoid application in strong direct sunlight. Do not apply if inclement weather is forecast. Apply above 5°C and below 30°C.

APPROXIMATE COVERAGE

4 to 6m² per litre per application – two applications required.

STORAGE

Store in a cool, dry place.

PACKAGING

5 & 25 litre U.N. 1993 approved.

TEST DATA

High Solid Sealer has been tested by the TRL (Transport Research Laboratory) and certified that it meets the SRV (Skid Resistance Value) for all categories of paving for local authority pedestrian areas and when heavily trafficked is suitable for special applications where risks of skidding are high as laid down in the UK Highway Authorities Tender Specification. Copies available on request.

SPECIFICATION CLAUSE

"24 hours after the PICS slab has been washed off it shall be treated with Sealer which shall combine dust proofing, curing, sealing & hardening and be TRL tested achieving an SRV of 44 to 65 in conformity with the UK Highways Authority Tender Specification. The Sealer shall have been produced in minimum batch sizes of 1000 litres in accordance with an accredited BS5750 ISO9001 Quality Assurance System. All the work shall be carried out in accordance with the manufacturers current technical data sheet, specification and instructions for use by trained contractors duly certified and authorised by PICS Ltd or its appointed distributors"

HEALTH AND SAFETY

Flammable liquid. Do not smoke. Keep application area well ventilated. Wear respirator when applying. Flash point 42°C (Abel-Closed Cup). Refer to the Safety Data Sheet for further information.

TECHNICAL SERVICES

For further information, call our technical dept on:

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WARRANTY

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