

## Technical Data Sheet – Block Paving Polyurethane

(90.41) E (G)

### PRODUCT DESCRIPTION

**Block Paving Polyurethane** is a low viscosity moisture curing polyurethane prepolymer based on toluene diisocyanate. When cured it produces a remarkably tough flexible film capable of withstanding abrasion, chemical attack, oil, grease and water penetration. Its superb wearing properties make it ideal for flooring subject to heavy use.

### PURPOSE

For sealing block paving to protect the surface from chemical attack, oils and greases and to prevent wear and dusting. **Block Paving Polyurethane** also resists staining by the following foodstuffs such as ketchup, red wine, vinegar, coffee, mustard & blackcurrent juice.

### SPECIAL PROPERTIES

- Stabilises block paving jointing sand
- Seals the concrete block and protects the surface
- Special blend of polymers do not soften in hot temperatures not become brittle in freezing conditions
- Excellent chemical and abrasion resistance
- A tough, flexible film at wide temperature range
- Easily applied by brush, roller or squeegee
- Single component
- Quick drying
- Excellent waterproofing qualities
- Totally Aliphatic (UV stable, will not yellow)

### APPLICATION INSTRUCTIONS

Only apply sealer when the block paving is clean with jointing totally dry, with no rain forecast for 8 hours. Temperature needs to be above 10°C and below 23°C. Apply only if no efflorescence is present. Ensure no sand is on top of the blocks. Can use a paint brush or small roller for borders. Apply using a roller or squeegee to main area. Allow no more than 4 hours between coats. No foot traffic for 4 hours and no vehicle use for 24 hours. Always wear mask and goggles for application.

### APPROXIMATE COVERAGE

2m<sup>2</sup> per litre if sealing and stabilising jointing sand on standard block paving. 3.5m<sup>2</sup> for 2<sup>nd</sup> coat.

### STORAGE

Store in a cool, dry place.

### PACKAGING

5 & 23ltr U.N. 1993 approved drums.

### TEST DATA

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

*“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.”*

### 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 Safety Data Sheet for further information.

### TECHNICAL SERVICES

For further information, call our technical dept on:-

Φ UK (01268) 722 500

Φ International +44(0)1268 722 500

e-mail contactus@smartseal.co.uk  
Website www.smartseal.co.uk

23.09.2023

### Warranty

SmartSeal UK Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and conditions of Sale, copies of which may be obtained on request. Whilst SmartSeal UK Ltd endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

Manufactured by:

**SmartSeal UK Ltd**

Unit 3, 65-67 Cutlers Rd, South Woodham Ferrers,  
Chelmsford CM3 5WA, United Kingdom

[www.smartseal.co.uk](http://www.smartseal.co.uk)

[contactus@smartseal.co.uk](mailto:contactus@smartseal.co.uk)