



Technical Data: Block Paving Sealer

PRODUCT DESCRIPTION

Smartseal Block Paving Sealer is a clear, UV light stable solution designed to penetrate the surface of block paving and other concrete products.

PURPOSE

Smartseal Block Paving Sealer has been designed to seal the surface of the paving to improve the aesthetic appearance of blocks, paving slabs and other concrete products, and provide a barrier to contaminants thereby facilitating easy maintenance. This sealed surface will increase abrasion resistance and also protect the jointing sand from erosion and weed infestation.

SPECIAL PROPERTIES

- Reduces sand loss from joints
- Reduces efflorescence
- Ultra-violet light and weather resistant
- Inhibits the growth of moss and weeds
- Enhances the colour of the paving
- Facilitates the easy removal of oil and other contamination
- Will not blister or peel

APPLICATION INSTRUCTIONS

Smartseal Block Paving Sealer can be applied using a Viton sprayer unit or roller, at a rate of 2.5m² per litre. A two-coat spray application is required to fully cover the jointing sand. **Smartseal Block Paving Sealer** will be tack free within 3 hours at 20°C and foot traffic may be permitted after 6 hours. Vehicles should be kept off the sealed area for a minimum of 24 hours at 20°C. These times may be increased or reduced depending on the ambient temperature. During the curing cycle, protect from rain. Do not apply when the ground temperature is above 30°C or below 5°C. All equipment should be cleaned with Xylene thinners after use.

PREPARATION INSTRUCTIONS

New block or flagstone paving should be swept clean, ensuring there is sufficient well-compacted sand in the joints. Existing paving should be pressure washed to remove all surface debris. If the area is contaminated with weeds & moss then it should be treated with **Fungicidal Wash**.

Oil & other stains should be removed using **Oil Remover**. The treated area should then be left to dry & the joints re-sanded & compacted to the lower edge of the paver chamfers with clean kiln-dried sand. Moisture in the paver & sand will inhibit penetration of the sealer and produce whiteness.

TECHNICAL & TEST DATA

Smartseal Block Paving 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

*"Newly laid block paving shall be treated with **Smartseal Block Paving Sealer** from **Smartseal UK Ltd** (Tel. 01277 829743) to protect and stabilise jointing sand and enhance surface colour and increase abrasion resistance. All materials should comply with ISO9002 for Quality Assurance. All work should be carried out in conjunction with the manufacturer's current technical data sheet and instructions for use".*

HEALTH AND SAFETY

Flammable liquid. Do not smoke. Keep application area well ventilated. Wear respirator when applying. Store in a cool place. Flash point 40°C (Abel-Closed Cup). Refer to the Health & Safety Data Sheet for further information.

TECHNICAL SERVICES

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