

# Technical Data – Solvent Free Block Paving Sealer



## PRODUCT DESCRIPTION

**Solvent Free Block Paving Sealer (SF)** is a clear, UV light-stable solution designed to penetrate and stabilise the jointing sand of block paving and pre-cast flagstones to inhibit the growth of weeds and moss and reduce sand loss. **Solvent Free Block Paving Sealer (SF)** will also seal the paving to enhance the appearance whilst facilitating the easy removal of oil and other stains.

**PURPOSE:** Solvent Free Block Paving Sealer (SF) has been designed to protect jointing sand from erosion thus reducing movement and weed infestation in block paved surfaces. In addition it can improve the aesthetic appearance of blocks, paving slabs and other cementitious substrates and increase abrasion resistance.

## SPECIAL PROPERTIES

- Reduces sand loss from joints.
- Reduces efflorescence.
- Ultra-violet light and weather resistant.
- Inhibits the growth of moss and weeds
- Excellent resistance to water whitening.
- Facilitates the easier removal of oil and other contamination.
- Will not blister or peel.

## APPLICATION INSTRUCTIONS

**Solvent Free Block Paving Sealer (SF)** should be used in dry weather when rain is not forecast.

**Solvent Free Block Paving Sealer** can be applied using sprayer and squeegee at a rate of 1.5m<sup>2</sup> per litre as a first coat and 4m<sup>2</sup> per litre as a second coat, to an easily managed area not exceeding 10m<sup>2</sup> at any one time. In the event that two applications are required the second application must be applied prior to the first application becoming tack-free.

**Solvent Free Block Paving Sealer** will be tack-free after two hours at 20°C and foot traffic may be permitted after 12 hours. Vehicles should be kept off the treated area for a minimum of 24 hours at 20°C. These times may be increased or reduced depending on the ambient temperature. During the drying cycle protect from rain. Do not apply when the ground temperature is above 30°C or below 5°C. Clean all equipment after use with clean water.

## 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 moss then it should be treated with **Smartseal Fungicidal Wash**.

Oil & other stains should be removed using **Smartseal Oil Remover**. The treated area should then be left to dry & the joints re-sanded and 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

**Solvent Free Block Paving Sealer (SF)** has been tested for chemical resistance by one hour exposure to a range of substances, including used motor oil, deionised water, 10% sodium hydroxide, sodium chloride, calcium chloride, trisodium phosphate, ammonia and hydrochloric acid, all with no effect. **Solvent Free Block Paving Sealer (SF)** is supplied in 25 litre U.N. approved drums and covers approximately 1.5m<sup>2</sup> per litre as a first coat and 4m<sup>2</sup> per litre as a second coat,

## SPECIFICATION CLAUSE

*"Newly laid block or flagstone paving shall be treated with **Solvent Free Block Paving Sealer (SF)** from Smartseal to protect and stabilise jointing sand and increase abrasion resistance. All materials should comply to 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

**Solvent Free Block Paving Sealer (SF)** is non-toxic and non-flammable. Avoid contact with skin and eyes. Flush affected areas with water. Do not take internally. Refer to Health & Safety data sheet for further information.

## TECHNICAL SERVICES

For further information, call our technical dept on:-

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