

## **SPECIFICATION FOR SEALING PAVERS**

### **SOLVENT FREE SYSTEM**

1. The material to be used for sealing and stabilising jointing sand and paver surface shall be RESIECCO available from Resiblock Ltd (+44 (0)1268 273344), or equal and approved.
2. The use of the sealer shall be strictly in accordance with details given in the Resiblock Ltd technical data.
3. The sealer shall be based on an SPPU (Specialist Pre-Polymer Urethane) thermoplastic-acryl copolymer emulsion having its base dilutant as water. It shall also have the following properties:
  - (i) Sealer must be elastomeric.
  - (ii) Solids content to be not less than 25%.
  - (iii) Be resistant to oils, aviation fluids, petrol, de-icing fluids and general detritus.
  - (iv) Appearance shall be white/milk colour and free from foreign matter.
4. Coverage rate for sealer will vary upon such factors as width of joints, porosity of pavers and ambient temperature but shall be of the order of 2.0m<sup>2</sup> per litre.
5. Paving joints shall be completely filled with jointing sand to BS 6717 (for concrete pavers) to the underside of chamfers. After final compaction of the jointing sand the pavers shall be carefully swept to ensure that very little sand remains in the chamfers. Before application of the sealer the surface of pavers shall be dry, free from oil, laitence and loose sand particles.

The sealer shall be applied directly from the container and spread evenly on to the pavers using a Resiblock squeegee and allowed to fill the chamfers. The sealer should be worked into the joints, left for 2-3 minutes, allowed to penetrate, and any excess material squeegeed to untreated areas. The sealer must not be diluted and once the container has been opened it should be applied without delay.
6. The sealer must be capable of penetrating the dry sand joints to a minimum depth of 10mm and shall form a flexible water and detritus resistant bond.
7. The sealer shall have a proven safety and performance record of use on similar pavements to that used on this project demonstrated by proven track record for a period of no less than 5 years.