

SPECIFICATION FOR SEALING PAVERS*

1. The material to be used for sealing and stabilising the jointing sand shall be RESIBLOCK '22' available from Resiblock Ltd (+44 (0)1268 273344), or equal and approved.
2. The sealer shall be a liquid SPPU (Specialist Pre-Polymer Urethane) moisture curable (or triggered) aromatic/aliphatic in a hydrocarbon solvent, having the following minimum properties:
 - (i) Surface curing time not to exceed 24 hours (touch dry - approximately 2 hours @15 °C.).
 - (ii) Does not adversely affect slip/skid values (independent test report may be required)
 - (iii) Be highly resistant to oils, diesel, petrol, and de-icing fluids.
 - (iv) Must not adversely change the colour of the paving
 - (v) Elongation at break of film - not less than 350% (ASTM D2370).
 - (vi) Withstand temperatures in excess of 200 °C.
 - (vii) Prevent jointing sand erosion, by a direct jet of water at a pressure no less than 200 bar (1500 p.si.) (Lance 150 mm from surface).
 - (viii) Withstand Vacuum Sweeper suction (min velocity 60 m/sec) 24 hours after installation
 - (ix) The sealer must be capable of penetrating the joints to a minimum depth of 20 mm and shall form a flexible elastomeric water and fuel resistant bond
3. Material will need to withstand a minimum of 10,000,000 cumulative standard axles without distress or deformation to stabilised sand. This would need to be demonstrated either by proven track record for a period of no less than 5 years.
4. The sealer shall be a proven safety and performance record of use on similar pavements to that used on this project.

** Pavers in this instance may be defined as any modular paving usually 100 x 200 mm units 50-100 mm in depth and manufactured from either concrete or clay but may also include small element paving (known as slabs or flags) which may be natural stone or man-made*