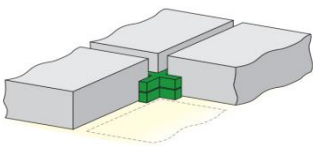


## SPECIFICATION CLAUSE FOR PERMEABLE PAVING SPACERS

1. The spacers used to create a permeable paved surface shall be 10mm SUDSFLOW spacers available from Resigap Ltd (+44 (0)1268 273344), or equal\*\* and approved.
2. The spacers shall have the dimensions specified on the drawing/s below and be manufactured from recycled polypropylene - having the following minimum properties:
  - (i) Immediately useable with any form of jointing aggregate, detailed by the specifiers.
  - (ii) Does not adversely affect the free flow of storm/flood water and can sustain a minimum water flow of 2,000 litres per sq m per hour.
  - (iii) Demonstrate to be highly resistant to oils, diesel, petrol, and de-icing fluids.
  - (iv) Must be designed to be completely hidden by the jointing aggregate, so the aesthetics of the paving specified by the architect is not adversely affected.
  - (v) The compressive strength of the spacers must equal to or greater than that of a concrete paver\*nib.
  - (vi) Withstand temperatures in excess of 200 oC.
  - (vii) Withstand potential erosion caused by jet washing (min 200 bar).
  - (viii) The spacer must be capable of contacting vertically at least 20mm of the paving\* unit sides.
3. The spacers will need to withstand a minimum of 10,000,000 cumulative standard axles without distress or deformation - demonstrated by proven track record for a period of no less than 3 years.
4. The spacers shall have a proven safety and performance record of use on similar pavements to that used on this project.
5. Estimation of number required - Stacked Bond/Chequer Board – 1 Spacer per paving unit.  
Offset/Stretcher Bond – 2 Spacers per paving.
6. Lateral Support. A minimum 30% of paving unit height to be supported. Spacers are designed to be stacked where required.



\* 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 and will also include small element paving (known as slabs or flags) which may be natural stone or man-made.

\*\* Gapfast has a Registered Trademark and is protected by GB Patent No. 1104484.9

