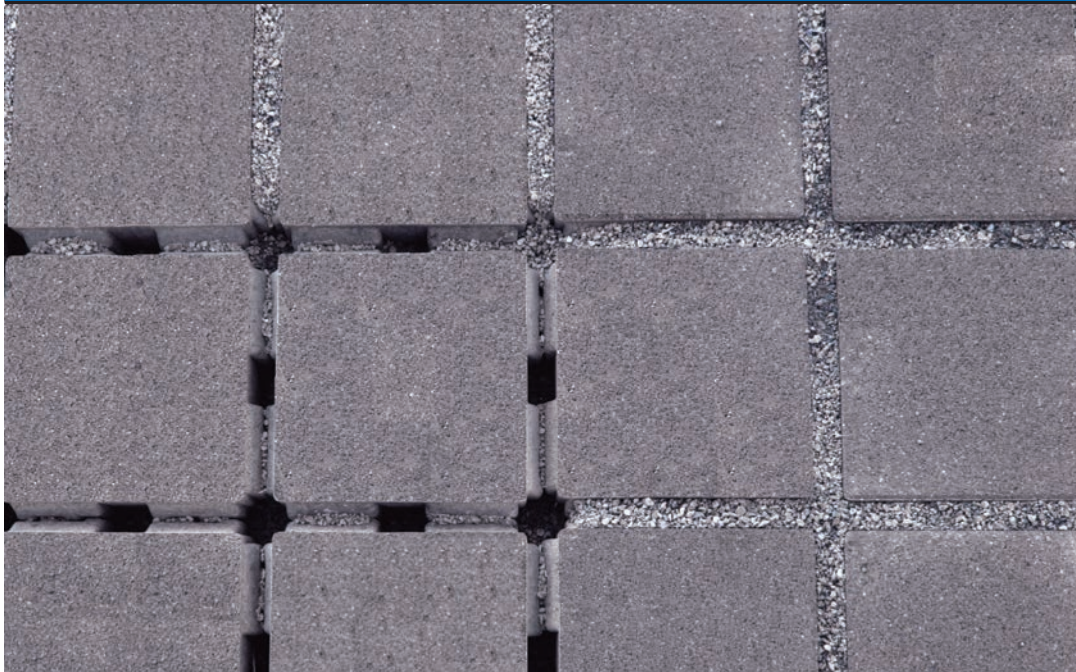


The ultimate in
stability and appearance.
Permeable pavement
for traffic areas with
horizontal stress



**Permeable
concrete paving
system with shift
resistance on
5 sides**



**VS 5TM
ECO**



Permeability:

Lifetime infiltration rates on maintained VS 5 ECO pavements are expected to be in excess of 3 in. per hour.

A permeability coefficient of $\geq 5.4 \times 10^{-5}$ m/sec is required, which includes a safety factor of 2.

Applications:

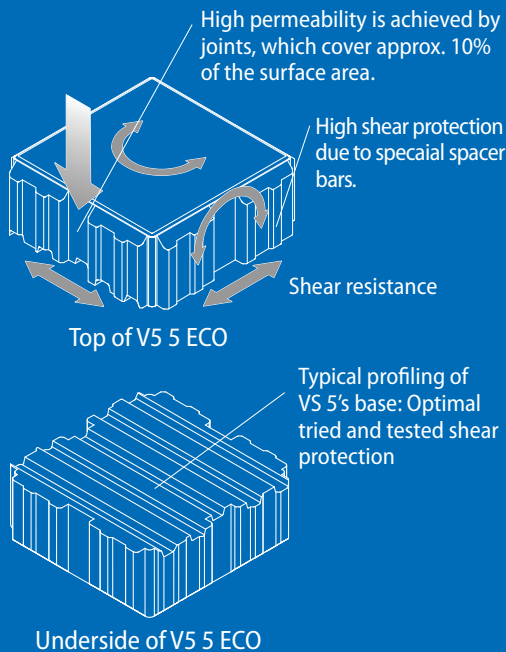
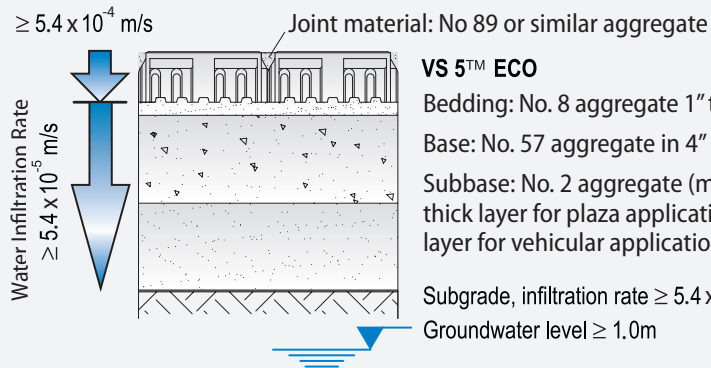
All trafficked areas for vehicle and/or pedestrian traffic in commercial, public or residential projects.

Due to its high shear protection, VS 5 ECO is especially suitable for use in trafficked areas which are exposed to increased horizontal loads as at intersection and traffic lights. Optimum shear protection is achieved in a running bond. The profiles on the base should be oriented parallel to the traffic direction.

Permeability and shift protection

The geometrical configuration of profiles around VS 5TM ECO stones transfers vertical and horizontal loads to adjacent stones and improves resistance to lateral shifting. The joint provides sufficient space for water filtration.

Grooves on the underside lock the paving stone into the bedding and reduce horizontal shifting.



Composition and Manufacture

VS 5TM ECO is made from a no slump concrete mix, has a compressive strength greater than 8000 psi, maximum water absorption of 5% and will meet or exceed ASTM C-936 and freeze-thaw testing per section 8 of ASTM C-67.

Nominal Dimensions:

| | | |
|-------------------------------------|--------|-------------|
| Height/Thickness (without profiles) | 3 1/8" | (80 mm) |
| Length (w/o spacer bars) | 7 7/8" | (201 mm) |
| Width (w/o spacer bars) | 7 7/8" | (201 mm) |
| Raster size | 8 7/8" | (225 mm) |
| Joint portion | | Approx. 10% |

VS 5TM is a trademark of SF Concrete Technology Inc. U.S. Patent Application 10/490 710

Available at:



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