



TECHNICAL DATA SHEET

Product name: VILLAGIO

Product type: Permeable interlocking concrete paver (PICP)

Geometric characteristics

Dimensions (in.): height x width x length (Dimensions include the joint)
2 3/8 x 5 1/8 x 5 1/8 (60 x 130 x 130 mm)
2 3/8 x 5 1/8 x 6 5/16 (60 x 130 x 160 mm)
2 3/8 x 5 1/8 x 7 5/16 (60 x 130 x 185 mm)
2 3/8 x 5 1/8 x 8 7/16 (60 x 130 x 215 mm)

Approximate Joint width: 3/8 in. (9 mm) to 9/16 in. (15 mm)

Approximate weight: Variable (5.3 to 8.6 lb) (2.4 to 3.9 kg)

Dimensional tolerances¹

Length and width: $\pm 1/16$ in. (1.6 mm)
Height: $\pm 1/8$ in. (3.2 mm)

Physical characteristics¹

Compressive strength: 8000 psi (55 MPa) (min)

Freeze-thaw durability

Loss of mass after 50 cycles: 1 % (max)

Water absorption: 5 % (max)

Surface Infiltration characteristics

Percent of open surface area: 8.0 %

Surface Infiltration rate²: 896 in./hr (22 750 mm/hr)

Runoff Coefficient³: 0.25 (PICP on high infiltration soils)
0.40 (PICP on low infiltration soils)

Americans with Disabilities Act (ADA)

Surface slip resistance value⁴: slip-resistant surface texture

Surface opening⁵: Joint openings (3/8" to 9/16") filled with aggregates

Notes

1. Meets and exceeds the requirements of the ASTM C 936 Standard Specification for Solid Concrete Interlocking Paving Units.
2. Surface Infiltration rate measured as per ASTM C 1701.
3. Runoff coefficient values as per ICPI "Permeable Interlocking Concrete Pavements Design Manual, 4th edition"
4. Accessible paths shall be slip resistant. The above mentioned product is considered slip resistant and therefore complies with this ADA design guideline.
5. Accessible paths shall not allow the passage of a sphere greater than 1/2 in. (13 mm) in diameter. Pavers joint openings filled with aggregates comply with this ADA design guideline.

To learn more about the textures and colors for this product, please contact our representatives.