Technical Guidelines
- EP Henry ECO Permeable Pavers conform to ASTM C936 in the U.S. or CSA A231.2 in Canada.
- Open-graded crushed stone recommended for all aggregates.
- Joint filling stone gradation: ASTM #8, 87, 89 or 9
- 100% permeable surface.
- Base gradation: ASTM #57
- Sub base gradation: ASTM #2, 3 or 4
- Optional geotextile: consult manufacturers for selection.
- Soil subgrade: classified per ASTM D2487; tested for permeability per ASTM D3385.
- Structural design: ICPI design chart determines minimum base thickness to support pedestrian and vehicular traffic (see references).
- ADA Compliant: joints ≤ 1/2˝ (ECO Cobble®, Coventry® ECO Cobble®, and ECO Brick Stone™ = 3/8˝ and ECO Paver™ = 1/2˝).

For extensive information on permeable paving and the many options EP Henry’s ECO line offers, please visit ephenyecocenter.com or call 800-444-3679.
EP Henry’s ECO™ line of Permeable Interlocking Pavers are uniquely designed to be used as sustainable paving systems for both pedestrians and vehicular applications. Installing EP Henry’s ECO pavers on your clients’ commercial or residential patios, sidewalks, driveways, or parking lots is a great way to reduce stormwater runoff, adhere to Best Management Practices (BMPs) by the EPA and state agencies, and obtain credits for your LEED-certified projects. EP Henry’s ECO Pavers offer an unprecedented selection of sizes, colors, textures, patterns, and performance. Also, EP Henry’s ECO Cobble™ and Coventry® ECO Cobble™ can be interchangeably installed with our non-permeable Coventry® Stone I and Old Towne Cobble™ and ECO Brick Stone™ can be installed with Brick Stone — thus offering you limitless options to meet your design, budgetary, and environmental requirements.

- Most versatile Permeable Interlocking Concrete Pavement (PICP) systems in the market today providing benefits in installation time and cost savings; unlimited pattern and edging combinations available when integrated with our existing non-permeable paver product lines

- Available in:
  - MULTIPLE COLORS – including an SRI-compliant color and custom colors available where project scope and schedule permit
  - MULTIPLE SIZES – 4” x 8”, 6” x 6” and 6” x 9”
  - MULTIPLE THICKNESSES – 6cm for pedestrian traffic and 8cm for vehicular traffic
  - MULTIPLE TEXTURES – Aged and Smooth
  - MULTIPLE PATTERNS – Herringbone, Random, “I”, and Running Bond

- Eligible for LEED credits (see back for full listing)

EP Henry’s ECO™ pavers and ECO Brick Stone™

- AUTUMN BLEND
- HARVEST BLEND
- PEWTER BLEND

- DAKOTA BLEND
- HARVEST BLEND
- PEWTER BLEND

* SRI stands for “Solar Reflective Index” which is used to determine the effect of the reflectance and emissivity on the surface temperature, and varies from 100 for a standard white surface to zero for a standard black surface. Pavers that meet SRI requirements help minimize “heat island effect” which is a result of absorption rather than reflection of the sun’s rays. Minimizing heat islands reduces energy requirements, particularly in densely populated and urban areas.

- CENTREVILLE WHARF, MD
- MOUNT FAIRMONT HOME, VA

EP HENRY’S ECO LINE OF PERMEABLE PAVERS:

- infiltrate, filter and decrease stormwater runoff rate and reduce Total Maximum Daily Load (TMDL)
- LEED® point eligible for Sustainable Sites, Water Efficiency, Materials & Resources and/or Innovative Design; Contribute to Green Globe points
- meet U.S. Environmental Protection Agency (EPA) stormwater performance criteria as a structural best management practice (BMP) while providing parking, road and pedestrian surfaces
- achieve water quality improvement by processing and reducing pollutants such as vehicular oil drippings
- help meet local, state and provincial stormwater drainage design criteria, and provide compliance with the U.S. NationalPollutant Discharge Elimination System (NPDES) regulations
- are the paver selected by the USEPA to be used in a long term study of permeable pavement options vs. traditional non-permeable paving
- provide 100% porous surface by runoff passing through small, aggregate-filled openings between solid-high strength durable concrete pavers
- reduce or eliminate stormwater detention and retention ponds, storm sewers, drainage appurtenances, and related costs
- may be used on sloped sites with proper design
- have the modular concrete units that allow for project phasing; open-graded base and subbase materials are typically available locally
- are ideal for implementation with rainwater harvesting systems (systems capable of storing water for on-site irrigation or building grey water use)
- may be designed with underground stormwater storage systems, over many slower-draining clay soils and in cold climates
- achieved an infiltration rate of 577 inches per hour in an ASTM-C1701 simulated test conducted by ICPI and Gilmore Engineers

CONSTRUCTION ADVANTAGES OVER OTHER PERMEABLE PAVEMENT SYSTEMS:

- can install and compact aggregate subbase and base with standard paving equipment
- pavers, nonfrozen bedding material and base/subbase are installable in freezing temperatures over non-frozen soil subgrade
- no post-installation curing time is necessary — surface is ready to use upon installation; modular construction allows for project phasing
- a “zippable” system where pavers can be easily removed and re-layed for access to underground utilities, wiring, etc.

Visit ep henry ecocenter.com or call 800-44-HENRY for the most up-to-date product offerings, case studies and industry news.