A comprehensive line of horizontal and vertical waterproofing membrane systems, waterstops, drainage composites and accessories.
THE ASSAULT OF WATER, WEATHER AND TIME CHALLENGES THE WATERPROOFING SYSTEM

WATER UNDER PRESSURE WILL FIND A WAY IN.
Water at rest exerts pressure. This is called “hydraulic pressure”. The force is a function of the height of the water. When it rains, and the water table rises, pressure increases and groundwater is literally pushed into the foundation in all directions, spreading into naturally occurring cracks and crevices, deteriorating the foundation, and eventually reaching the interior as seepage or dampness.

HENRY EXCELS UNDER PRESSURE
To withstand hydraulic pressure, a waterproofing system must be a complete integrated system to start — and remain seamless over decades. That demands membranes of exceptional durability, elasticity through freeze and thaw, and resistance to naturally occurring and deposited chemicals and soil acidity.

Henry Waterproofing Systems have excelled for over 40 years under such demands: See our references.

WHAT IS WATERPROOFING?
Waterproofing is the treatment of a surface to prevent the passage of liquid water under hydraulic pressure.

WHAT IS DAMPPROOFING?
Dampproofing is the treatment of a surface to retard the absorption of moisture. Dampproofing won’t stop water under hydraulic pressure.

WHAT IS HYDRAULIC PRESSURE?
Hydraulic pressure is the force exerted at a given depth by the weight of the overlying column of water. This pressure acts with equal magnitude in all directions.

Henry Waterproofing Systems are the choice for such landmark buildings as the Lincoln Memorial (pictured here), the White House, and the Pentagon.

WHAT IS WATERPROOFING?

WHAT IS DAMPPROOFING?

WHAT IS HYDRAULIC PRESSURE?

THE ASSAULT OF WATER, WEATHER AND TIME CHALLENGES THE WATERPROOFING SYSTEM

90% OF ALL WATER INTRUSION PROBLEMS OCCUR WITHIN 1% OF THE TOTAL BUILDING OR STRUCTURE’S EXTERIOR SURFACE AREA. — CONSTRUCTION WATERPROOFING HANDBOOK

— THE WATER STOPS HERE. —

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What is Waterproofing?

What is Dampproofing?

What is Hydraulic Pressure?

Henry Waterproofing Systems are the choice for such landmark buildings as the Lincoln Memorial (pictured here), the White House, and the Pentagon.

Illustration of Hydraulic Pressure:

Illustration of Dampproofing:

Illustration of Capillary Pressure: The movement of water upwards into unsaturated (as it dries) soil above.
THE INDUSTRY STANDARD
Since 1967, the Industry Standard 790-11 assembly has maintained its integrity across millions of square feet of high traffic applications including tunnels, parking garages, fountains, plazas and decking.

APPLICATIONS: Terrace Decks • Tunnels • Split Slabs • Parking Decks • Highway Bridge Decks • Plaza Decks • Planters • Protected Roof Membrane Assemblies • Green Roofs

790-11 BENEFITS:
> Monolithic (joint free)
> Immediate cure: no job delay
> Fully adhered (no lateral water migration)
> Self-seals minor punctures
> Can be applied at below-freezing temperatures
> Bridges non-moving cracks
> Remains fully elastomeric through hot and cold cycles

THE INDUSTRY STANDARD
Filter fabric protects the assembly from infiltration of dirt particles

Insulation (optional): extruded polystyrene insulation for high compressive strength and moisture resistance for below-grade type applications

Henry DB Drainage Composite: facilitates drainage of the waterproofing system

Protection board: our modifiedPLUS® asphaltic membrane separates and protects

790-11 two-ply assembly:
> Two layers applied for total thickness of 215 mils
> Reinforced with Polyester Fabric
> Adhesive: 930-18 high-tack adhesive greatly enhances surface bond

THE 790-11 HOT RUBBERIZED ASPHALT SYSTEM:
PROOF OF PERFORMANCE IS IN THE TEST OF TIME

APPLICATIONS:
- Terrace Decks
- Tunnels
- Split Slabs
- Parking Decks
- Highway Bridge Decks
- Plaza Decks
- Planters
- Protected Roof Membrane Assemblies
- Green Roofs

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> Self-seals minor punctures
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> Remains fully elastomeric through hot and cold cycles

790-11 EV contains 25% post consumer recycled content in the form of reprocessed used tire rubber grade qualifying under “Recycled Content - Materials and Resources (MR) Credit 4.1” for 1 LEED Credit.

WARRANTY COVERAGE
The system is installed by Henry trained and qualified contractors, with available warranty coverage of all components, “from the deck up.”

THE MOST DEMANDING PROJECTS HAVE ALWAYS DEMANDED HENRY 790-11

CERTIFICATIONS AND APPROVALS
Our flagship 790-11 system is backed by ISO registration, UL Class A, LARR and other listings.

LEED CREDITS
790-11EV contains 25% post consumer recycled content in the form of reprocessed used tire rubber grade qualifying under “Recycled Content - Materials and Resources (MR) Credit 4.1” for 1 LEED Credit.

YOUR BUILDING SCIENCE SPECIALIST
Our team of Building Science Specialists can provide technical expertise and field support to every phase of design and construction, from engineers to specification writers. Call us at 1-800-486-1278.

Baltimore Convention Center:
More than 1 million people walk the plaza of the Baltimore Convention Center every year through freeze and thaw, 22” of snow and 44” of rain and, through it all, the Henry 790-11 performs.

Millennium Park, Chicago, IL:
Henry helps hide the parking structures under Chicago’s sprawling 24.5 acre Millennium Park with a sophisticated Green Roof system featuring the two-ply 790-11 system plus special Henry components for Green Roofs.

You want a company behind you with a track record you can bank on? From the American Institute of Architects Headquarters in Washington D.C., to the Oresund Tunnel linking Sweden to Denmark, the choice is Henry.
AQUA-BLOC® COLD-APPLIED MEMBRANES: GOES ON ELASTIC AND STAYS ELASTIC

APPLICATIONS: Aqua-Bloc® is an elastomeric, asphalt membrane available in four grades for application to horizontal and vertical surfaces, above or below grade: Waterproofing Foundations • Tunnels • Planters • Retaining Walls • Elevator Pits • Balconies • Excellent For Repairing Hot Rubberized Asphalt Membranes.

AQUA BLOC® WB (WATER-BASED)
- SPECIAL USES:
  - Approved for use on damp or green concrete
  - Excellent for waterproofing ICF (Insulated Concrete Forms) foundation walls
- HOW TO APPLY
  - Trowel, brush or spray
  - Can be applied in one coat or in multiple coats with reinforcing fabric
- ADVANTAGES
  - Exceeds the requirements of CAN/CGSB 37.2
  - Low VOC
  - Low odor

AQUA BLOC® SB (SOLVENT-BASED)
- SPECIAL USES:
  - Ideal for cold weather applications
  - Excellent to repair damaged hot rubberized membranes
- HOW TO APPLY
  - Trowel or spray applied
  - Can be applied in a single or reinforced application
- ADVANTAGES
  - Heavy-duty seamless, rubberized, impervious membrane
  - Excellent adhesion to most construction surfaces

AQUA BLOC® 2P (TWO-COMPONENT)
- SPECIAL USES:
  - Levels, repairs and waterproofs rough and uneven concrete surfaces
  - Leveling coat for Blueskin® WP200 or DuraTac self-adhering membranes
  - Internal setting: may be used between impervious surfaces
- HOW TO APPLY
  - Squeegee or trowel applied
- ADVANTAGES
  - 100% Solids: solvent and odor free
  - Sets very rapidly and develops a strong bond
  - Self-leveling formulation

AQUA BLOC® QS (QUICK-SETTING)
- SPECIAL USES:
  - Ideal for quick backfilling requirements
  - Specifically designed for vertical applications
- HOW TO APPLY
  - Spray applied with setting agent
- ADVANTAGES
  - Immediate set through upon application
  - Complies with and exceeds the requirements of CAN/CGSB 37.1M
  - Low VOCs

BLUESKIN® WP SELF-ADHERED MEMBRANE: EASY TO HANDLE, SIMPLE TO APPLY

APPLICATIONS: Blueskin® WP is a self-adhering, 60 mils thick SBS rubberized membrane ideal for vertical and horizontal waterproofing applications such as foundation walls, planters, retaining walls, terraces and tunnels.

ADVANTAGES:
- Easy to install — no special equipment, heat or flame required
- No curing time required — membrane can be backfilled immediately
- Consistent thickness — no thin spots
- Spans cracks
- Edge bead technology at side laps
- Fully adheres — no lateral water migration

EASY INSTALLATION: Blueskin® is put in place as the silicone-treated release paper is removed.
APPLY PRESSURE BY ROLLER: Pressure is applied at overlap and field of membrane to ensure maximum adhesion.

HENRY FULLY INTEGRATED SYSTEMS
- 790-11 waterproofing membrane on split-slab construction
- Air-Bloc 33 air barrier membrane on wall of Auditorium
- Blueskin® WP200 waterproofing on foundation walls of new construction

CAPITOL VISITORS CENTER
Henry integrated waterproofing systems are the choice of some of the world’s best designed buildings like this one: the three-level, underground complex is the biggest expansion in the Capitol’s history.
SYNKO-FLEX® THE LABOR SAVING ALTERNATIVE TO CONVENTIONAL WATERSTOPS

APPLICATIONS: Synko-Flex® is a preformed plastic adhesive waterstop for poured-in-place concrete applications:
- Secondary Containment Structures
- Tunnels
- Underground Parking Garages
- Swimming Pools
- Concrete-Lined Storm Drainage & Irrigation Channels
- Potable Water Reserves
- Seals Embedded Steel, PVC or HDPE Pipe Penetrations

HOW IT WORKS:
Synko-Flex® bonds to cured concrete surfaces and fuses with fresh concrete during the hydration and curing process to achieve a watertight seal.

ADVANTAGES:
- Does not rely on swelling to be watertight
- Unaffected by rain, groundwater, cyclical wetting or drying
- No risk of ‘blow-outs’ in joints
- No adhesive required

ADVANTAGES OVER PVC WATERSTOPS:
- Tremendous cost and labor savings
- No additional mounting or fixing tools are necessary. No splicing or welding
- Never cracks, shrinks or dries out

SEALS PENETRATION
Rods to steel, PVC, HDPE penetrations through concrete walls or flow slabs.

UNAFFECTED BY RAIN
Synko-Flex® is unaffected by water or rain at the job site.

OEREIGN TUNNEL
SynkoFlex helps maintain the watertight integrity of the longest immersed concrete tunnel in Europe.

HENRY DRAINAGE COMPOSITES: A BETTER ENGINEERED SOLUTION FOR MANAGING THE FLOW OF WATER

APPLICATIONS: Henry Drainage Composites are available for:
- Foundation Walls
- Plaza Decks
- Split Slabs
- Retaining Walls
- Planters
- IRMA Roof
- Green Roofs
- Tunnels
- Lagging Wall Drainage

REDUCES HYDROSTATIC PRESSURE WHILE PROTECTING THE MEMBRANE
Henry Drainage Composites provide an air gap that collects moisture and water and channels it away from the structure both vertically and horizontally, reducing hydrostatic pressure and capillary pressure while protecting the membrane.

VARIOUS SEA WORLD ATTRACTIONS
Synko-Flex® is NSF 61 approved for potable water, so you’ll find it in some of the world’s most famous water attractions, like Sea World.

HOW IT COMES:
Supplied in 1” x 3’ linear strips protected with two silicone-treated wrappers.

HOW IT WORKS:
Henry waterproofing membrane
- Tear-resistant polymeric core
- Geotextile fabric fully bonded to the dimples for lasting durability

ADVANTAGES:
- Reduces hydrostatic and capillary pressure
- Diverts water away from structures
- Protects the membrane during back-fill operations
- Far more effective and effective in horizontal applications than gravel

SPECIAL FEATURES:
- Excellent compressive strength
- Ultra-resistant to chemicals, impact, and cracks
- High flow capacity
- Composites engineered for a range of applications and demands

SEALS PENETRATION
Rods to steel, PVC, HDPE penetrations through concrete walls or flow slabs.

UNAFFECTED BY RAIN
Synko-Flex® is unaffected by water or rain at the job site.

HOW IT COMES:
Supplied in 1” x 3’ linear strips protected with two silicone-treated wrappers.

GOVERNMENTAL APPLICATIONS
Henry DB650 meets the demands of such governmental projects as highway drainage systems.

“Nearly 66% of all Condominium Corporations have Experienced Damages Caused by Water Infiltration.”

<table>
<thead>
<tr>
<th><strong>PRODUCTS</strong></th>
<th><strong>BLUESKIN® WP200</strong></th>
<th><strong>BLUESKIN® WP300</strong></th>
<th><strong>modiFLEX®</strong></th>
<th><strong>AQUA-BLOC® MB</strong></th>
<th><strong>AQUA-BLOC® SB</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TYPE</strong></td>
<td>Self-adhered SBS rubberized membrane</td>
<td>Self-adhered SBS rubberized membrane</td>
<td>Adhered or torch applied SBS modified membrane</td>
<td>Elastomeric bitumen emulsion (water-based)</td>
<td>Elastomeric bitumen (solvent-based)</td>
</tr>
<tr>
<td><strong>USE</strong></td>
<td>Premium waterproofing membrane for foundation walls, tunnels, planters, retaining walls</td>
<td>Basic waterproofing membrane for foundations walls, planters, retaining walls and flooring applications</td>
<td>Waterproofing membrane for foundations walls, tunnels, plaza decks, under slab or podium deck applications</td>
<td>Excellent flashing sheet for fluid applied membranes</td>
<td>Waterproofing membrane for foundations walls, tunnels, balconies, planters and other structures in both vertical and horizontal applications</td>
</tr>
<tr>
<td><strong>COMPLIANCE</strong></td>
<td>CCIC listed</td>
<td>CCIC listed</td>
<td>CAN/CSA-37.2</td>
<td>CAN/CSA-37.2</td>
<td>CAN/CSA-37.2</td>
</tr>
<tr>
<td><strong>COVERED</strong></td>
<td>30 ft x 66.7 ft / roll (186 ft² / roll, net coverage)</td>
<td>30 ft x 66.7 ft / roll (186 ft² / roll, net coverage)</td>
<td>50 ft x 100 ft / 36 in roll (396 ft² / roll, net coverage)</td>
<td>200 ft / gal @ 80 mils wet</td>
<td>6 gal / 100 ft² @ 50 mils wet</td>
</tr>
<tr>
<td><strong>COLOR</strong></td>
<td>Blue</td>
<td>Blue</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td><strong>APP. TEMP</strong></td>
<td>23°F (-4°C) minimum</td>
<td>40°F (5°C) minimum</td>
<td>No limit</td>
<td>40°F (5°C) minimum</td>
<td>40°F (5°C) minimum</td>
</tr>
<tr>
<td><strong>APPLICATION METHOD</strong></td>
<td><strong>BRUSH</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td><strong>TROWEL</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td><strong>SQUEEGEE</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td><strong>SPRAY</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td><strong>SELF-ADHERED</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td><strong>THERMOFUSIBLE</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

This chart is to be used as guide only. For the most accurate and complete information on Henry products, please refer to our technical data sheets at www.henry.com.
## DRAINAGE COMPOSITES

<table>
<thead>
<tr>
<th>PRODUCTS</th>
<th>DB 200 / 220</th>
<th>DB350</th>
<th>DB500 / 520</th>
<th>DB650</th>
</tr>
</thead>
<tbody>
<tr>
<td>USE</td>
<td>Vertical or horizontal applications at shallow depth. DB220 has additional polymeric film at backside for use with softer waterproofing membranes</td>
<td>Horizontal applications requiring high compressive strength, moderate flow, and the strength and filtration properties of a woven geotextile</td>
<td>Vertical applications requiring high compressive strength and high flow capacity. DB520 has additional polymeric film at backside for use with softer waterproofing membranes</td>
<td>Horizontal applications requiring high compressive strength and high flow capacity with the strength and filtration properties of a woven geotextile</td>
</tr>
<tr>
<td>APPLICATIONS</td>
<td>Foundation walls, planters, retaining walls, podium decks, IRMA roofs and green roofs</td>
<td>Under topping slabs and split slab applications</td>
<td>Foundation walls, retaining walls and bindside waterproofing systems</td>
<td>Under topping slabs and split slab applications</td>
</tr>
<tr>
<td>THICKNESS</td>
<td>1/2 inch</td>
<td>1/2 inch</td>
<td>7/16 inch</td>
<td>7/16 inch</td>
</tr>
<tr>
<td>COMRESSIVE STRENGTH</td>
<td>10,800 lbs / ft²</td>
<td>30,000 lbs / ft²</td>
<td>15,000 lbs / ft²</td>
<td>21,000 lbs / ft²</td>
</tr>
<tr>
<td>FLOW RATE</td>
<td>50 gpm / ft²</td>
<td>100 gpm / ft²</td>
<td>150 gpm / ft²</td>
<td>100 gpm / ft²</td>
</tr>
<tr>
<td>FLOW RATE/UNIT WIDTH</td>
<td>9 gpm / ft</td>
<td>9 gpm / ft</td>
<td>16 gpm / ft</td>
<td>18 gpm / ft</td>
</tr>
</tbody>
</table>

## ACCESSORIES

### MEMBRANES FOR FLASHINGS, REINFORCEMENT, CRACK & JOINT TREATMENT

<table>
<thead>
<tr>
<th>PRODUCTS</th>
<th>AQUA-BLOC® WB</th>
<th>AQUA-BLOC® 3R</th>
<th>AQUA-BLOC® QS</th>
<th>AQUA-BLOC® 2P</th>
<th>ELASTO-SEAL® CM</th>
<th>BLUESKIN® WP200 OR WP100</th>
<th>modifiedPLUS® NP180</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYFAB</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>NEOFLASH</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>BLUESKIN® WP200</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>modifiedPLUS® NP180</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
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### PRIMERS & ADHESIVES

<table>
<thead>
<tr>
<th>PRODUCTS</th>
<th>910-01</th>
<th>930-18</th>
<th>AQUATAC™ PRIMER</th>
<th>NEOFLASH ADHESIVE</th>
<th>BLUESKIN® ADHESIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYFAB</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>NEOFLASH</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>BLUESKIN® ADHESIVE</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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### SEALANTS & MASTICS

<table>
<thead>
<tr>
<th>PRODUCTS</th>
<th>POLYBITUME® 570-05</th>
<th>925 B.E.S SEALANT</th>
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</thead>
<tbody>
<tr>
<td>POLYFAB</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>NEOFLASH</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>BLUESKIN® ADHESIVE</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Need technical assistance? Call us at 800-486-1278 or visit us at www.henry.com.

Henry Company • 999 N. Sepulveda Blvd., Ste. 800 • El Segundo, CA 90245