Henry® Pumadeq™ System

A fast-curing, long-lasting waterproofing solution
Whatever your project or application need may be, keeping it on schedule and using components that will protect it long-term are key. The Henry® Pumadeq™ System lets you do both.

Backed by more than 80 years of Building Envelope Systems® knowledge, the Pumadeq System is a cold fluid-applied, seamless, monolithic waterproofing solution. Capable of setting in 30 minutes and able to withstand traffic one hour after installation, the Pumadeq System helps speed the application process, even in low temperatures.

The system is UV-resistant and features PUMA technology, which combines Methyl Methacrylates with Polyurethanes. Along with unmatched performance and long-lasting durability, PUMA technology allows the Pumadeq System to offer outstanding low-temperature crack bridging without reinforcements.
Cold fluid-applied, requiring no special installation equipment

Fast cure time speeds application; can be trafficked within one hour by other construction trades and machinery

Low temperature crack bridging (no reinforcement required) and flexibility ensures better performance as building structures undergo thermal cycling

No detailing limitations such as laps, welds, seams, surface flashings or termination bars

Withstands constant water immersion; can be laid to zero pitch

Abrasion, puncture and UV resistant as well as VOC compliant

**Features & Benefits**

**Typical uses for the Henry Pumadeq System:**
- Protected membrane roofing
- Plaza decks
- Green roofs
- Split slabs
- Parking decks
- Balconies and walkways
- Water retention
- Flashing system

**Plaza Deck System**
(typical unreinforced system)
Core waterproofing system for a variety of applications, ranging from general plaza deck to vegetated roofing assemblies

**Pedestrian / Balcony System**
(typical unreinforced system)
High abrasion resistance provides an aesthetically pleasing pedestrian traffic solution

**Vehicular Traffic System**
High abrasion resistance ensures a durable, long-lasting solution

**Flashing System**
Highly durable solution mitigates risk at critical details
## Henry® Pumadeq™ Waterproofing System Selection Chart

Use the selection chart below to choose which Henry® Pumadeq™ System is right for your waterproofing application.

<table>
<thead>
<tr>
<th>Products</th>
<th>Plaza Deck System</th>
<th>Pedestrian / Balcony System</th>
<th>Vehicular Traffic System</th>
<th>Flashing System</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primer</strong></td>
<td></td>
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<td></td>
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<tr>
<td>Pumadeq™ Primer 20</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Henry® GC Epoxy Primer¹</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td><strong>Membrane</strong></td>
<td></td>
<td></td>
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<tr>
<td>Pumadeq™ Flex 30SL²</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>Pumadeq™ Flex 31MV³</td>
<td></td>
<td></td>
<td></td>
<td>●</td>
</tr>
<tr>
<td><strong>Reinforcement</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumadeq™ N Fleece 115</td>
<td>Optional⁴</td>
<td>Optional⁴</td>
<td>Optional⁴</td>
<td>●</td>
</tr>
<tr>
<td><strong>Wear coat</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Pumadeq™ Grip 40⁵</td>
<td>As required⁸</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td><strong>Aggregate</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Sand sieve size 20-30 or approved by Henry⁵</td>
<td>As required⁸</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td><strong>Top coat</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Henry® Deqcoat™ 50⁷</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

1 Henry® GC Epoxy Primer may be used in lieu of Pumadeq™ Primer 20 on green or damp concrete surfaces.
2 SL (self leveling) for horizontal application only.
3 MV (medium viscosity) for vertical or horizontal application.
4 Reinforcement in the field is not required on standard Pumadeq™ System applications but may be required if substrate conditions are not acceptable or fleece reinforcement is indicated on the architectural details.
5 Pumadeq™ Grip 40 is available in gray and clear for colored aggregate.
6 Basic trafficable system requires sand sieve size 20-30 mesh aggregate and gray Deqcoat™ 50. Pedestrian Deco System requires ceramic quartz colored aggregate. When colored aggregate is to be used, select clear Deqcoat™ 50.
7 Deqcoat™ 50 is available in gray, white and clear.
8 Pumadeq™ Grip 40 and aggregate may be required when heavy traffic is expected or when directly bonded overburden is used.