

## Description

Henry® Pumadeq™ Catalyst is a reactive agent powder used to initiate curing of the Henry® Pumadeq System materials.

## Application

For detailed mixing instructions, refer to Henry tech talk **Pumadeq Catalyst** mixing ratios.

**Pumadeq Catalyst quantity required is based on an average of Pumadeq membrane, ambient and substrate temperatures.**  
 Be aware that temperature conditions vary in areas of project and at different times of day. Adjust catalyst accordingly.

**There are 20 volume oz. per 1lb weight of Catalyst.**  
**There are (80 volume oz.) of catalyst in a 5lbs/1 gallon pail (4lbs catalyst).**  
**There are (200 volume oz.) of catalyst in a 13lbs/3.5 gallons pail (10lbs catalyst).**

Average Temperature	Pumadeq Catalyst Volume: oz added per 1 gallon of Pumadeq Membrane		Pot Life (minutes)
	Henry® Pumadeq Primer 20 Henry® Pumadeq Flex 30SL, 31MV, 32TX Henry® Pumadeq Grip (ounces)	Henry® Deqcoat 50 (Including more catalyst than recommended can cause yellowing)	
20 °F -40 °F (-7 °F – 4 °C)	Contact Henry® Product Support	Contact Henry® Product Support	
40 °F (4 °C)	10	7	15
50 °F (10 °C)	8	5	15
60 °F (16 °C)	6	4	10-15
70 °F (21 °C)	4	3	10-15
80 °F (27 °C)	3	2.5	10
90 °F (32 °C)	2	2	10

**Product mixing:** Only catalyze the amount of material that can be applied within the estimated pot life (10-15 minutes). It is recommended to start by catalyzing 1 gallon of any **Pumadeq** membrane to determine pot life.

**Pumadeq** membrane and **Pumadeq Catalyst** must be thoroughly mixed, using an electric, slow speed (300-400rpm), high torque drill with CLEAN, spiral, mixing paddle (Jiffy type, size according to material amount mixed), to achieve a uniform distribution of the catalyst and paraffin contained in the product.

- 1) Pre-mix **Pumadeq** membrane for a minimum of 1 minute, longer at colder temperatures
- 2) Then mix **Pumadeq** membrane together with **Pumadeq Catalyst**, for 1 minute minimum  
 A one oz. (volume) scoop is provided with each pail of catalyst

NOTE: Before using **Pumadeq Catalyst**, please refer to Safety Data Sheet (SDS). Ensure the same safe working methods are followed for all persons in the work area. Wear suitable protective clothing, butyl rubber or nitrile gloves and safety goggles with side shields during mixing and application.

When **Pumadeq Catalyst** is applied in enclosed areas without natural ventilation, forced ventilation must be arranged. Avoid strong concentration of vapor as well as direct contact with skin or eyes. If concentration exceeds recommended limits in SDS, a NIOSH approved respirator (OSHA 29 CFR 1910.134) is required. **Pumadeq Catalyst** has a low flashpoint; keep away from all sources of ignition and do not smoke. Uncured polymers, resins and catalyst powder may be toxic. They may cause allergic reactions or hypersensitivity reaction.

Contact with skin – wash immediately with soap and water.  
 Contact with eyes – rinse immediately with lots of water and seek medical attention

## Pumadeq™ Catalyst

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### Packaging

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5lbs (1 gallon) pail contains 4lbs of catalyst  
12lbs (3.5 gallons) pail contains 10 lbs of catalyst

### Shelf Life/ Storage

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One year with proper storage. Always store **Pumadeq Catalyst** in a cool and dry location. Do not store in direct sunlight or in temperatures above 80° F (27 °C).

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