



TECHNICAL DATA SHEET  
**Pumadeq™ Catalyst**

**Description**

**Pumadeq™ Catalyst** is a reactive agent used to initiate curing of the **Pumadeq™** System components

**Application**

Prior to using **Pumadeq™ Catalyst**, for detailed mixing instructions, please refer to HenryTech-Talk **Pumadeq™ Catalyst Mixing Ratios**.

**Pumadeq™ Catalyst quantity is based on an average of resin, ambient and substrate temperatures**

| TEMPERATURE | Pumadeq™ Catalyst Volume oz.<br>per 1 gallon Pumadeq® Resin              |   | Pot Life in<br>Minutes |
|-------------|--|---|------------------------|
|             | Pumadeq™ Primer 20<br>Pumadeq™ Flex 30SL, 31MV, 32TX<br>Pumadeq™ Grip 40 | Henry®<br>Deqcoat™ 50<br><i>*Including more catalyst than<br/>recommended can cause<br/>yellowing</i> |                        |
| 32 °F       | Contact TQ3  | Contact TQ3   |                        |
| 40 °F       | 10   | 7   | 15                     |
| 50 °F       | 8  | 5   | 10-15                  |
| 60 °F       | 6  | 4   | 10                     |
| 70 °F       | 4  | 3   | 5-10                   |
| 80 °F       | 3  | 2.5   | 5                      |
| 90 °F       | 2  | 2   | 5                      |

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

Only catalyze the amount of material that can be applied within the estimated pot life

- 1) Pre-mix the resin for minimum 2 minute
- 2) Then mix resin together with **Pumadeq™ Catalyst**, for 1 minute minimum
- 3) The Catalyst blend is added in accordance with the above resin, ambient and substrate temperature guidelines:

**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 and curing agents may be alkaline, toxic or both
- 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

**Packaging**

4.0 lbs, 10 lbs and 52.5 lbs

## Pumadeq™ Catalyst

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### Shelf Life/ Storage

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Shelf life is 6 months with proper storage. Always store **Pumadeq™ Catalyst** in a cool and dry location. Do not store in direct sunlight or in temperatures above 86 °F (30 °C).

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