

Physical property	Typical value	Test method
Appearance	Gray	
Solids Content by Volume	100%	ASTM D1644-2001, Method A
Elongation	88%	D412-06ae2 (as per C957M-10)
Hardness	58 Shore D	D2240-05 (as per C836M-10)
Tear Resistance	230 pli	D624-00 (2007)
Tensile Strength	1873 psi	D412-06ae2 (as per C957M-10)
VOC Content (maximum)	0 g/l	ASTM C1250-05

Description

Henry® GP Wearcoat is a 100% solids, two-component, polyurethane coating, fully broadcast with aggregate, to form a flexible, hard wearing, anti-skid, traffic surface.

GP Wearcoat also forms a surface for strong adhesion by mortars, concrete, asphalt, adhesives and sealants.

Features

- Flexible, hard wearing, anti-skid traffic surface
- Cures quickly at low temperatures
- Low odor, solvent free and VOC compliant

Usage

GP Wearcoat is used as a hard-wearing traffic surface for:

- Parking Decks, Loading Docks, Balconies, Walkways
- Protected Membrane Roofing (PMR)
- Plaza Decks
- Inverted Roof Membrane Assemblies (IRMA)
- Green Roofs (VRA)
- Split Slabs
- Planters
- Terraces

Application

Site Conditions: All surfaces should be prepared per the approved Henry specification and TechTalk.

Surface temperature must be at least 5° F above the dew point and rising.

Air and substrate temperatures must be between 40° F and 95° F. Relative humidity must be less than 80%.

Surface Prep: Surfaces to be over-coated must be clean, dry and free of contaminants that would impair adhesion.

If there are any doubts about suitability of a substrate, further advice should be sought from a Henry representative and a small trial area should be applied and tested appropriately.

Product Mixing: **GP Wearcoat** Parts A & B are pre-measured.

Mix all Part A with all of Part B.

They must be thoroughly mixed, using an electric, slow speed (300-400rpm), high torque drill with spiral (Jiffy) mixing paddle.

Mix Ratio by Volume:

1. Dispense Part A into a separate, clean, dry mixing pail. Mix for 30 seconds, taking care not to hit the sides.
2. Add Part B, taking care not to hit the sides, and mix for a minimum 1 minute.

Work the mixing paddle around the sides and bottom of the mixing pail to achieve a uniform, streak free, homogenous liquid. Scrape out all the material from the mixing pail.

Henry GP Wearcoat

Decant to a new pail and use immediately

Do not mix new material with old, uncured material as this can significantly reduce work times. Use new pails frequently. Decant newly mixed material into smaller containers or onto substrate and spread to prolong working time

Pot Life @ 68° F: 15 minutes. The working time and viscosity of **GP Wearcoat** will be influenced by the length of time it is mixed (longer mixing results in shorter pot life), the substrate and ambient temperatures and how quickly it is removed from the mixing pail and spread on the substrate.

Application: GP Wearcoat is applied evenly by notched (3/16") squeegee and back rolled with a heavy-duty roller arm and medium nap (1/2") roller to assist leveling.

When **GP Wearcoat** becomes less fluid, back roll one more time to ensure it stays on substrate high points.

When **GP Wearcoat** has a sticky, "taffy" like consistency (usually 15-20 minutes @ 68° F), broadcast clean, dry aggregate as specified.

Apply aggregate by shovel or hopper gun, in multiple passes, allowing aggregate to "fall" vertically onto the **GP Wearcoat**

Application Rate:

- Apply in one coat at a rate of 45-65 sf/gal (150-220 st/ 3.35 gal kit), depending on Henry specification
- Allow for saturation of rollers and brushes

WFT-DFT: Both 24-35 mils, depending on application rate.

Re-coat and Traffic Times after application:

Minimum @ 68° F = 4 hours

Maximum 24 hours. No maximum time when fully broadcast with sand but must be cleaned thoroughly before over coating

Colder temperatures will increase this time.

Product Restrictions and Limitations:

Can be rained on after 3 hrs. @68° F

Can be walked on after 4 hrs. @68° F

Colder temperatures will increase these times

NOTE: Before using **GP Wearcoat**, 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.

Respiratory masks should be worn at all times when adequate ventilation does not exist.

A NIOSH/MSHA (TC-23C-1809), multi gas vapor respirator is acceptable.

Avoid strong concentration of vapor as well as direct contact with skin or eyes.

Uncured resins may be toxic. They may cause allergic reactions or hypersensitivity reactions

Contact with skin – wash immediately with soap and water.

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

Coverage

Application rates should be adjusted to meet each project's specified requirements. Coverage rates are theoretical and do not take into account material loss due to project conditions and working methods.

- For Henry System Warranty and Gold Seal Warranty requirements, refer to appropriate approved Henry specification for application and coverage rate requirements.

Clean-up

Clean-up of tools and equipment may be accomplished by using Acetone or MEK. Read and follow all Health and Safety instructions on SDS. Wash body with soap and water. Ensure all materials are mixed and cured before disposal, in accordance with federal, state, and local regulations. Dispose of all packaging in accordance with federal, state, and local regulations.

Product contents / packaging size

Part A 3 gal / 3.5 gal container

Part B .35 gal / 1 gal container

Storage

One year in unopened containers stored between 50° F and 80° F under dry, ventilated conditions, and out of direct sunlight. Storing the material at a higher temperature may reduce its shelf life. Keep in an upright position and do not over stack.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on the Henry® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of Henry Company.
Covered by US patent 6,901,712; Canadian patent 2,413,550.

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