



Dundeq GP Flexcoat

100% Solids, Two-Component Polyurethane Membrane

Physical property	Typical value	Test method
Appearance	Gray	-
Solids Content by Volume	100%	ASTM D1644 Method A
VOC Content	<5 g/l	-
Adhesion	>435 psi on fully sanded primer	ASTM C794
Crack Bridging @ 22 mils	Pass	C1305
Elongation	650%	D412 (as per C957/957M)
Tensile Strength	1100 psi	D412 (as per C957/957M)
Hardness, Shore A	80	D2240 (as per C836)
Tear Resistance	300 pli	ASTM D624

Description

Henry® Dundeq™ GP Flexcoat is a 100% solids, two-component, elastomeric polyurethane membrane used as a waterproofing membrane in the **Henry Dundeq System**, a seamless, fully-adhered, durable waterproofing system for vehicular and pedestrian traffic surfaces. **Dundeq GP Flexcoat** is formulated to combine exceptional elongation with high tensile strength. **Dundeq GP Flexcoat** is low odor, has no solvents and low VOC's.

Features and benefits

- Exceptional elongation
- High tensile strength
- Low odor
- No solvents
- Low VOCs

Usage

Dundeq GP Flexcoat is used as a waterproofing membrane in the **Henry Dundeq System**, a seamless, fully-adhered, durable waterproofing system for vehicular and pedestrian traffic surfaces. **Dundeq GP Flexcoat** is used for plaza decks, parking decks, split slabs, planters, balconies, and mechanical rooms.

Application

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

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

Air and substrate temperatures must be between 50° F and 90° F.

Relative humidity should be less than 80%.

Surface Prep: Surfaces to be over-coated must be firm, dry and load bearing, free of loose and brittle particles, and contaminants that would impair adhesion.

If there are any questions about the 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: **Dundeq GP Flexcoat** Parts A & B are pre-measured.

Pre-mix both Part A and Part B separately.

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

Scrape the sides and bottom of the Part A mixing pail to remove and mix solids and achieve a uniform, streak free liquid.

Mix Ratio by Volume:

1. Pour all of Part A and all of Part B into a third, separate clean container without hitting the sides.
2. Mix for two minutes.

Mix all of Part A with all of Part B.

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Henry Dundeq GP Flexcoat

Do not mix in an up and down motion.

Do not mix new material with old, uncured material as this can significantly reduce work times.

Decant newly mixed material into smaller containers or onto substrate and spread to prolong working time.

Pot Life @ 68° F: 10 – 15 minutes

The working time and viscosity of **Dundeq GP Flexcoat** 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: Dundeq GP Flexcoat is applied evenly by notched (3/16") squeegee.

Back roll with a heavy-duty roller arm and medium nap roller to assist leveling.

Take extra care not to trap air, which may cause bubbles, when rolling.

A continuous application should be used to minimize color lines and streaking.

Application Rate: Apply in one coat at a rate of approximately: 70 sf/gallon (350 sf/5 gal) on a primed, CSP 3-4 profile substrate.

WFT-DFT: 22 mils

Re-coat and Traffic times after application:

Minimum @ 68° F = 4 hours.

Maximum 24 hours.

Can be walked on after 4 hours @ 68° F. Colder temperatures will increase this time.

Product Restrictions and Limitations: Must be overcoated within 24 hours of application.

If this time is exceeded, lightly abrade and wipe with Acetone or MEK and a clean cloth. Allow solvent to evaporate.

Take extra care not to trap air, which may cause bubbles, when rolling.

A continuous application should be used to minimize color lines and streaking.

Note: Before using **Dundeq GP Flexcoat**, 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 slide 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.

Observe OSHA regulations for respirator use (29 CFR 1910.134).

Avoid direct contact with skin or eyes.

Uncured resins and curing agents may be alkaline, toxic or both.

They may cause allergic reactions or hypersensitivity reactions.

Contact with skins – 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, refer to appropriate approved Henry specification for application and coverage rate requirements.

Clean-up

Follow all health and safety instructions on Safety Data Sheets (SDS).

Clean tools and equipment with Acetone or MEK.

Ensure all materials is 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.

Wash body with soap and water.

Packaging Size

Part A 4 gal

Part B 1 gal

Storage

One year in original, unopened containers stored between 50° F and 90° 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.

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

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