

HENRY®

176 Bulldog™

Economical multipurpose adhesive for commercial carpet in light traffic areas and residential felt-back rotovinyl sheet flooring

Good Initial Grab
Helps reduce edge curl

Short Open Time
For quicker installation

Ample Working Time
Accommodates a range of installations

1-Year Limited Warranty

176 HENRY®
Bulldog™

**Multipurpose
Flooring
Adhesive**

Adhesivo multiuso para pisos



Environmentally Compatible
Next Generation™

4 GALLONS (15.14 L)

**Multipurpose
Flooring Adhesive**

THE PROFESSIONAL'S FORMULA FOR SUCCESS™

HENRY[®] 176 Bulldog[™]

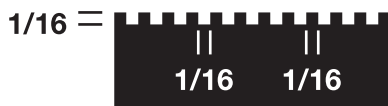
For installation of commercial carpet in light traffic areas like property management and tenant improvement areas. Can also be used for the installation of residential felt-back rotovinyl sheet flooring.

	MULTIPURPOSE			
	HENRY 176	HENRY 346	HENRY 356	HENRY 422
Carpet Backing				
Jute	GOOD	BETTER	BEST	
Action Bac [®] (polypropylene)	GOOD	BETTER	BEST	
Nonbacked Needle-punched	GOOD	BETTER	BEST	
Urethane Foam		BETTER	BEST	
Latex Foam (rubber)		BETTER	BEST	
Unitary		GOOD	BETTER	
Unitary Action Bac [®]		GOOD	BETTER	
Hot Melt			BETTER	
Woven			BETTER	
Urethane Laminate			BETTER	
Vinyl-Back Carpet				BEST**
Indoor/Outdoor Carpet			BEST*	
Resilient Tile				
Vinyl (solid vinyl)				BEST
Resilient Sheet				
Residential Felt-Back Rotovinyl	GOOD	BETTER	BEST	
Residential Felt-Back Inlaid			BEST	
Commercial Felt-Back			BEST	
Vinyl-Back				BEST
Cork			BEST	

*outdoors only **permanent installation



CARPET
V-NOTCH 1/8"D x 1/8"W x 1/16"A
90-108 sq. ft. (10-12 sq. yds./gal.)



FELT-BACK ROTOVINYL (POROUS SUBSTRATES)
SQ-NOTCH 1/16"D x 1/16"W x 1/16"A
140-160 sq. ft. (16-18 sq. yds./gal.)



FELT-BACK ROTOVINYL (NON-POROUS SUBSTRATES)
U-NOTCH 1/32"D x 1/16"W x 5/64"A
225-275 sq. ft. (25-30 sq. yds./gal.)

SUBSTRATES:

HENRY 176 Bulldog[™] Multipurpose Flooring Adhesive will bond to all substrates listed below but specific installation recommendations for the flooring should come from the manufacturer:

- Concrete
- Wood and wood underlayments; wood subfloors should be suspended
- Existing well-bonded resilient flooring; not perimeter-bonded or cushion-backed
- Ceramic tile, terrazzo, marble, and polymeric-poured floors
- Properly mixed and applied powder underlayments and embossing levelers
- Primed, poured-in-place gypsum subfloors
- Radiant-heated subfloors where the surface temperature does not exceed 85°F (29°C)

INSTALLATION TIPS:

- Condition the area to be installed, adhesive, and flooring to 65°F (18°C) or above for 48 hours before, during, and for 48 hours after installation.
- Substrate must be smooth, sound, dry, clean, and free of dirt, wax, polish, paint, and all other foreign matter which may interfere in a good bond, including curing agents and sealers.
- Always run a calcium chloride and alkali test over concrete on any grade level or any other substrate over on- or below-grade concrete. For accurate results, curing agents must be removed in areas where tests will be run. Moisture test results should meet the flooring manufacturer's recommendations but should not exceed 5 pounds/1000 ft²/24 hours. Alkali readings should be 5 to 9.
- Stir any liquid on the surface into the adhesive and full spread using the recommended trowel notching. Recommended trowel sizes for carpet are guidelines only, and are minimum requirements. Rough, porous concrete and heavily textured carpet backings may require deeper notches. A 100% transfer of adhesive into the carpet backing, while maintaining full coverage of the substrate, must be obtained.
- For carpet, allow the adhesive to set open for 0 to 10 minutes. For sheet flooring, allow to set open for 0 to 10 minutes over porous substrates and 10 to 20 minutes over nonporous substrates. Do not allow the adhesive to skin over.
- Lay flooring into the adhesive. Cut, fit, and reposition within 60 to 90 minutes. Working time will vary based on job conditions, substrate, temperature, and humidity.
- Roll the flooring in both directions using the recommended roller (normally 75-100 pounds). Stiff carpet should be rerolled in 2 hours.
- Cut and seal all seams as recommended by the flooring manufacturer.
- Remove wet adhesive residue using a clean, white cloth dampened with soapy water. Use mineral spirits for dried adhesive residue carefully following warnings on container.
- Restrict heavy traffic over carpet for 24-48 hours and do not expose to water from cleaning or other sources for a minimum of 30 days.
- Protect sheet vinyl installations when moving heavy appliances and/or rolling loads.

HENRY[®]

The W.W. Henry Company
400 Ardex Park Drive
Aliquippa, PA 15001
(724) 203-8000

Customer Service and Technical Information
1-800-232-4832

Visit our Web site: wwhenry.com

HENRY Commitment

HENRY is committed to helping you get the best results in professionally installed floors. 70 years of experience combined with our relationships with the leading resilient, wood and carpet manufacturers ensure that you receive the products and the support you need to complete the job successfully and profitably.

HS130 (Rev. A 05/06)

THE PROFESSIONAL'S FORMULA FOR SUCCESS[™]