



**ENHANCER Technology**

ENHANCER™ Technology<sup>1</sup> – A cushioned carpet backing utilizing Dow technology that encompasses the process chemistry and know-how of producing a mechanically frothed polyurethane cushion.

**ENFORCER Technology**

ENFORCER™ Technology<sup>1</sup> – A non-cushioned carpet backing utilizing Dow technology that encompasses the process chemistry and know-how of producing a mechanically frothed polyurethane non-cushion.

BROADLOOM CARPET

PROPERTIES	CUSHIONED BACKING	NON-CUSHIONED BACKING
	ENHANCER Technology	ENFORCER Technology
BACKING DENSITY <sup>2</sup> ASTM D 3676 Volume Method	18 lbs/ft <sup>3</sup>	N/A
BACKING DENSITY ASTM D 3676 Area Method	N/A	44 oz/yd <sup>2</sup> min. straight stitch 54 oz/yd <sup>2</sup> min. stepover stitch
COMPRESSION SET <sup>3</sup> Max. @ 50% (% height loss) Dow Method	10%	N/A
COMPRESSION RESISTANCE Min. @ 25% (psi) Dow Method	7 psi	N/A
CUSHION THICKNESS ASTM D 3676	.100 in. min.	N/A
DELAMINATION ASTM D 3676	2.5 pli min.	2.5 pli min.
PERFORMANCE-IN-USE DELAMINATION/EDGE RAVEL <sup>4</sup> ISO/TR 4918 - DIN 54324	Pass	Pass
TYPICAL END USES	Offices, retail stores, airports, churches and schools. Also suitable for areas where a functional liquid barrier is needed.	Schools, health care, banks, libraries, casinos and other areas where roller mobility is a concern. Also suitable for areas where a functional liquid barrier is needed.

Note: Due to the wide variation in floor traffic, Dow expressly disclaims any warranty, expressed or implied, that carpet backings made with ENHANCER™ Technology and ENFORCER™ Technology will perform in all end uses. Some face constructions may be inappropriate for use with cushion backings when roller mobility is a concern; therefore, Dow recommends that you first consult with your carpet manufacturer so that they may choose the correct face construction and backing composition for the particular application.

<sup>1</sup> The patented technology includes use of Dow polyurethane raw materials and services.

<sup>2</sup> A -10% manufacturing tolerance for this specification is allowed.

<sup>3</sup> Values are derived from foam samples without the outer surface.

<sup>4</sup> The Roller Caster Chair Test is conducted per DIN 54324 (after 25,000 cycles) with the following addition: Non-cushioned backings are installed via glue-down method over contract pad (min. 16-lbs-per-cubic-ft density, 0.14" thickness). An unsealed seam is cut through the diameter of the carpet sample.

In the U.S. and Canada, contact The Dow Chemical Company  
2864 North Dug Gap Road, Dalton, GA 30720  
1-800-847-4212  
706-277-1133 Fax: 706-277-8100

For additional information:  
[www.dowcarpetbackings.com](http://www.dowcarpetbackings.com)

For inquiries or sample requests:  
[www.askdow.com](http://www.askdow.com)

NOTICE: No freedom from any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Dow assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE ARE EXPRESSLY EXCLUDED.

Published October 2006

