

TECH-TALK

BULLETIN

Effective 04/16/2012
Supersedes all previous versions

High Performance Composite Roofing Systems Using *modifiedPLUS*® HD Heavy Duty Cap Sheet

Details:

Henry *modifiedPLUS*® HD Heavy Duty Cap Sheet is designed to provide superior tensile strength and elongation compared to other Henry Modified Bitumen Cap sheets. When used in combination with other Henry Base sheets, in accordance with Henry installation specifications, it will form a composite that provides outstanding performance when combined with a variety of Henry Base sheet products.

modifiedPLUS® HD Heavy Duty Cap Sheet Features

- Higher Tensile strength
- Superior Elongation Properties
- Designed to meet or exceed the performance of competitive “High Tensile” or “Traffic” products in composite systems
- Meets CAN CGSB 37-GP-56M 9th draft, Type 2, Class G, Grade 2
- Excellent all-around performance and handling that professionals expect of *modifiedPLUS*®

Composite Performance using *modifiedPLUS*® HDgT4 Heavy Duty Cap Sheet

Property	Composite System Performance:
Base Sheet	NP180PP
Cap Sheet	HDgT4
Composite Type	Thermofused
Strain Energy, MD/XD, kN/m	42.6 / 31.4
Tensile Strength, MD/XD, kN/m	30.1 / 25.0
Ultimate Elongation, MD/XD, %	277 / 238
Tear Strength, N	125.6
Static Puncture, N	Pass
Dimensional Stability, MD/XD, %	0 / 0
Plastic Flow, °C	Pass
Low Temperature Flexibility	
– Initial	-30
– 90 days at 70 °C	-30

Installation

Refer to the Guide Specification for *modifiedPLUS*® HD Heavy Duty Composite Systems for direction on acceptable base sheet/cap sheet combinations and recommended installation directions.

Warranty

modifiedPLUS® HD Heavy Duty Cap Sheet systems will be supported by the same warranty programs currently available to *modifiedPLUS*® line of products.

For Additional Information Contact:

Henry Product Support
1-800-486-1278
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