

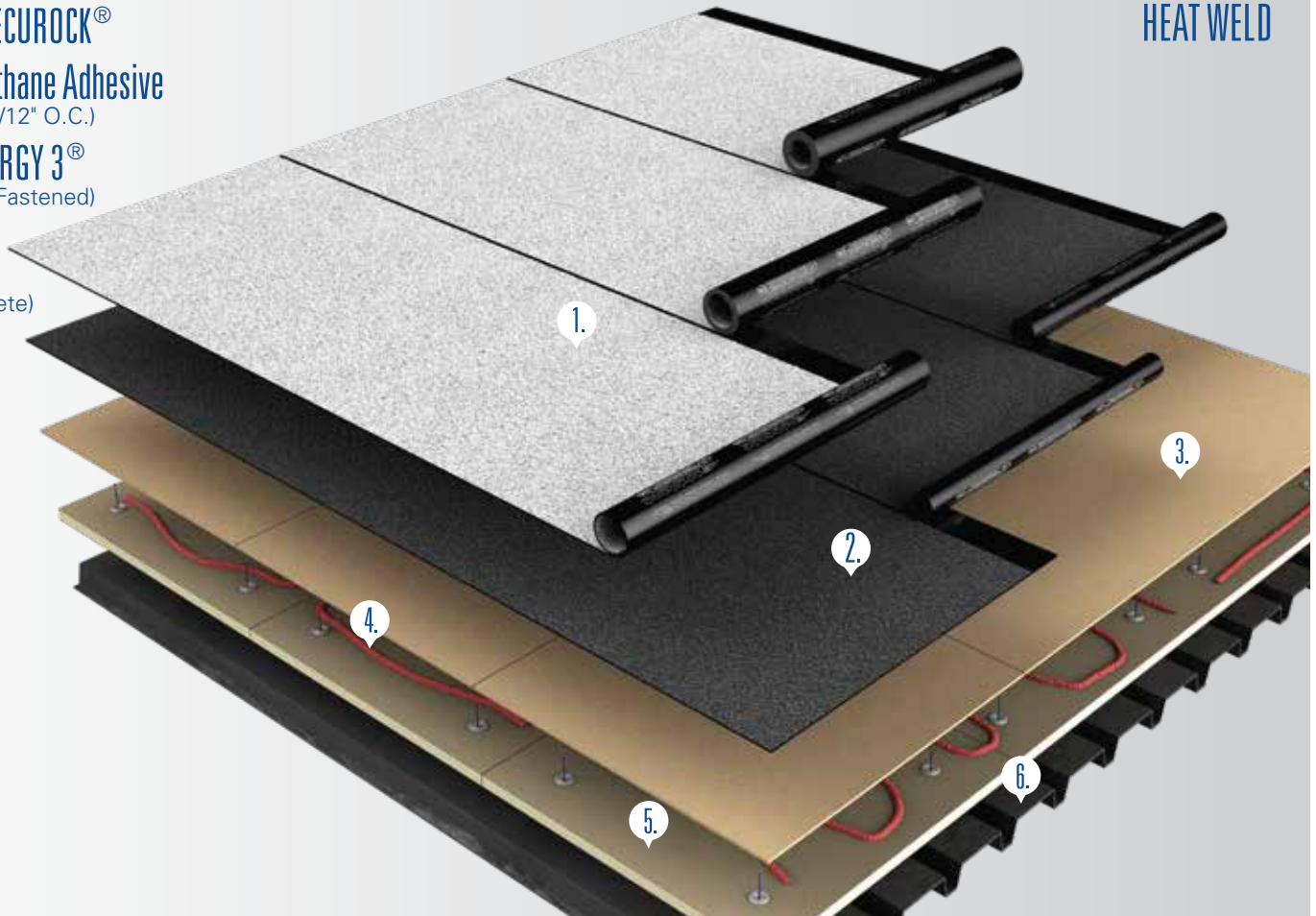


JM SBS VSH System

FM APPROVED FOR THE MOST STRINGENT HAIL-SYSTEMS REQUIREMENT—VERY SEVERE HAIL

1. JM Dynaweld™ Cap 250 FR
2. JM Dynaweld™ 180 S
3. ½" JM® SECUROCK®
4. ½" JM Urethane Adhesive
(Wide Ribbons/12" O.C.)
5. 1½" JM ENRGY 3®
(Mechanically Fastened)
6. Deck
(½" Plywood,
Steel or Concrete)

2-Ply System HEAT WELD



EXPOSURE TO DAMAGING HAILSTORMS BY LOCATION

- MODERATE
- SEVERE
- VERY SEVERE



RATING	VELOCITY [FT/SEC]	KINETIC ENERGY [FT·LB]
MODERATE HAIL	61	8.01
SEVERE HAIL	81	14.12
VERY SEVERE HAIL	155	53



COMMON TERMINOLOGY ON HAIL SIZE FROM NOAA



MODERATE HAIL APPROVAL
UP TO 1" (QUARTER SIZE)



SEVERE HAIL APPROVAL
UP TO 1¼" (GOLF BALL SIZE)



VERY SEVERE HAIL APPROVAL
GREATER THAN 2" (EIGHT BALL SIZE)

ROOF NAV CHART

ROOF NAV#	DECK	THERMAL BOARD	THERMAL BOARD APPLICATION METHOD	VAPOR RETARDER	VAPOR RETARDER APPLICATION METHOD	INSULATION	INSULATION APPLICATION METHOD	COVER BOARD	COVER BOARD APPLICATION METHOD	BASE PLY	CAP PLY	FM RATING	SLOPE	HAUL
423982-423957-0	33ksi Steel	5/8" SECUROCK®	MF	DynaBase® or GlasPly® IV	HA	ENRGY 3® (multiple layers)	AD	1/2" JM® SECUROCK® Adhered in UIA	AD	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	90	2	VSH
423983-423957-0	33ksi Steel	5/8" SECUROCK®	MF	DynaBase® HW	HW	ENRGY 3® (multiple layers)	AD	1/2" JM® SECUROCK® Adhered in UIA	AD	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	90	2	VSH
423979-423964-0	33ksi Steel	1/2" SECUROCK®	-	2-Ply BUR	-	2" ENRGY 3®	MF	1/2" JM® SECUROCK® Adhered in UIA	AD	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	90	2	VSH
423976-423964-0	33ksi Steel	1/2" SECUROCK® (optional)	-	-	-	2" ENRGY 3®	MF	1/2" JM® SECUROCK® Adhered in UIA	AD	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	90	2	VSH
423978-423964-0	Concrete	-	-	JM APP Base	-	2" ENRGY 3® (multiple layers)	AD / HA	1/2" JM® SECUROCK® Adhered in UIA or HA	AD / HA	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	360	1	VSH
423974-423964-0	Concrete	-	-	DynaGrip® SD/SA	-	1.5" ENRGY 3® (multiple layers)	AD / HA	1/2" JM® SECUROCK® Adhered in UIA or HA	AD / HA	DynaWeld™ 180 S or 250 S (two plies)	DynaWeld™ Cap 250 FR	360	1	VSH
423975-423964-0	Concrete	-	-	DynaBase® HW or DynaWeld™ Base	HW	1.5" ENRGY 3® (multiple layers)	AD / HA	1/2" JM® SECUROCK® Adhered in UIA or HA	AD / HA	DynaWeld™ 180 S or 250 S (two plies)	DynaWeld™ Cap 250 FR	360	1	VSH
423985-423964-0	Concrete	-	-	-	-	1.5" ENRGY 3® (multiple layers)	AD / HA	1/2" JM® SECUROCK® Adhered in UIA or HA	AD / HA	DynaWeld™ 180 S or 250 S (two plies)	DynaWeld™ Cap 250 FR	360	1	VSH
423975-423957-0	Concrete	-	-	DynaBase® HW or DynaWeld™ Base	HW	1.5" ENRGY 3® (multiple layers)	AD / HA	1/2" JM® SECUROCK® Adhered in UIA or HA	AD / HA	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	360	1	VSH
423970-423957-0	Concrete	-	-	-	-	-	-	1/2" JM® SECUROCK® Adhered in UIA or HA	AD / HA	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	465	1	VSH
423969-423957-0	Concrete	-	-	-	-	.5" ENRGY 3® (multiple layers)	AD / HA	1/2" JM® SECUROCK® Adhered in UIA or HA	AD / HA	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	465	1	VSH
423977-423964-0	Concrete	-	-	DynaGrip® SD/SA	-	2" ENRGY 3® (multiple layers)	AD / HA	1/2" JM® SECUROCK® Adhered in UIA or HA	AD / HA	DynaWeld™ 180 S or 250 S (two plies)	DynaWeld™ Cap 250 FR	465	1	VSH

KEY:
 MF - Mechanically Fastened HA - Hot Asphalt AD - Adhered With UIA
 UIA - Urethane Insulation Adhesive HW - Heat Weld FR - Fire-Resistant

RS-7859 12-18 (Replaces 4-18)