

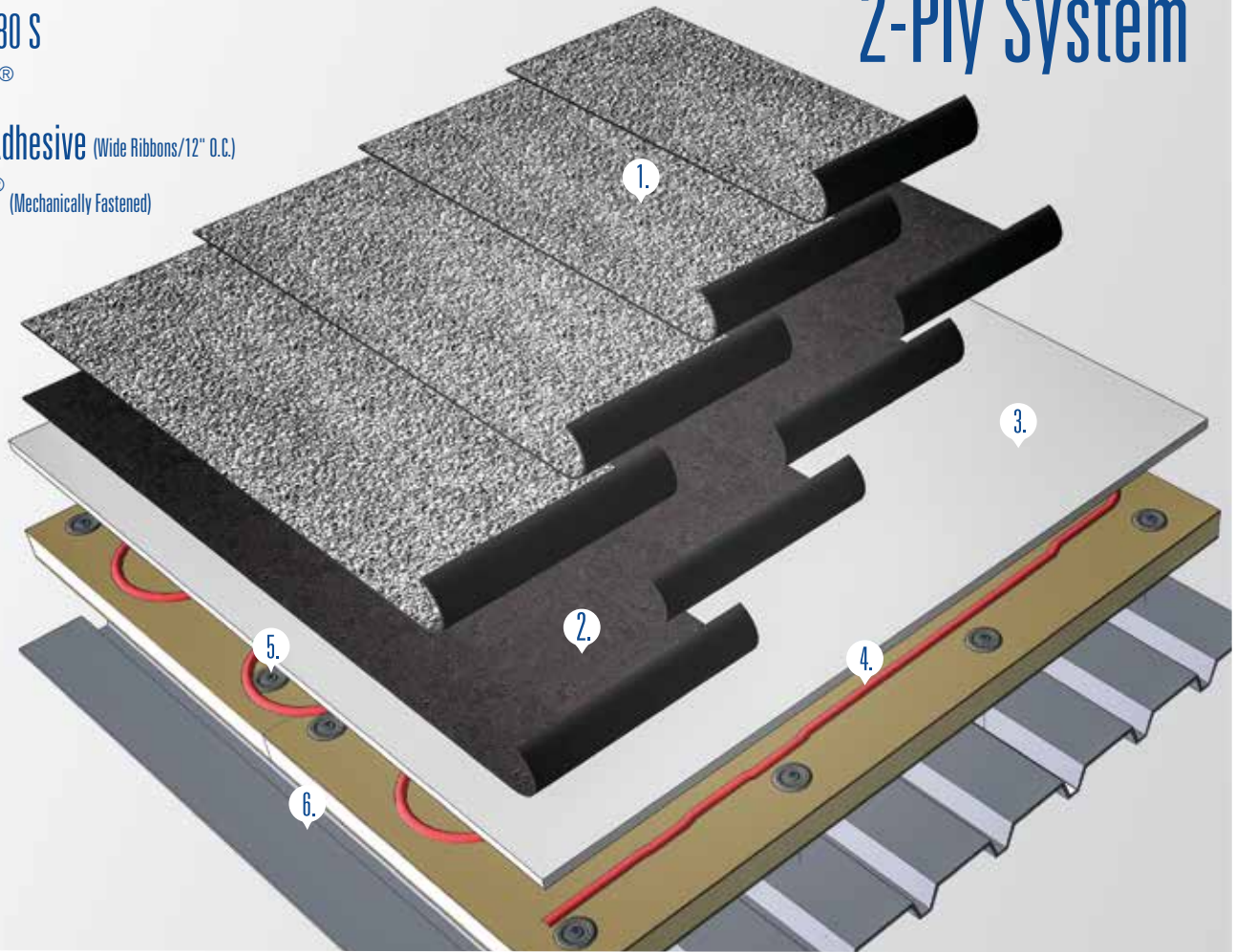


# JM SBS VSH System

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" Steel or Concrete)

## 2-Ply System



## EXPOSURE TO DAMAGING HAILSTORMS BY LOCATION

- MODERATE
- SEVERE
- VERY SEVERE



### RATING

### VELOCITY [FT/SEC]

### KINETIC ENERGY [FT·LB]

MODERATE HAIL

61

8

SEVERE HAIL

81

14

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 1¾" (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	HAIL
423982-423957-0	33 ksi Steel	5/8" SECUROCK®	MF	DynaBase® or GlasPly® IV	HA	ENRGY3® (multiple layers)	AD	1/2" JM® SECUROCK® Adhered in UA	AD	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	90	2	VSH
423983-423957-0	33 ksi Steel	5/8" SECUROCK®	MF	DynaBase® HW	HW	ENRGY3® (multiple layers)	AD	1/2" JM® SECUROCK® Adhered in UA	AD	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	90	2	VSH
423979-423964-0	33 ksi Steel	1/2" SECUROCK®	-	2-Ply BUR	-	2" ENRGY3®	MF	1/2" JM® SECUROCK® Adhered in UA	AD	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	90	2	VSH
423976-423964-0	33 ksi Steel	1/2" SECUROCK® (optional)	-	-	-	2" ENRGY3®	MF	1/2" JM® SECUROCK® Adhered in UA	AD	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	90	2	VSH
423974-423964-0	Concrete	-	-	DynaGrip® SD/SA	-	1.5" ENRGY3® (multiple layers)	AD/HA	1/2" JM® SECUROCK® Adhered in UA 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" ENRGY3® (multiple layers)	AD/HA	1/2" JM® SECUROCK® Adhered in UA 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" ENRGY3® (multiple layers)	AD/HA	1/2" JM® SECUROCK® Adhered in UA 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" ENRGY3® (multiple layers)	AD/HA	1/2" JM® SECUROCK® Adhered in UA 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 UA or HA	AD/HA	DynaWeld™ 180 S or 250 S	DynaWeld™ Cap 250 FR	465	1	VSH
423969-423957-0	Concrete	-	-	-	-	.5" ENRGY3® (multiple layers)	AD/HA	1/2" JM® SECUROCK® Adhered in UA 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" ENRGY3® (multiple layers)	AD/HA	1/2" JM® SECUROCK® Adhered in UA or HA	AD/HA	DynaWeld™ 180 S or 250 S (two plies)	DynaWeld™ Cap 250 FR	465	1	VSH

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