

**3.2 MALARKEY'S WARRANTIED SYSTEMS**

Length	Initial Ply/Base Sheet Attachment	Base Sheet	Ply Sheet(s)	Cap Sheet	Number of Sheets Fully Adhered
10 year	Mechanically attached to nailable deck	Any Base Sheet	2 or more of any Ply Sheets fully adhered	Any Cap Sheet fully adhered	3 or more
10 year	Fully adhered over insulation/cover board	Not Required	2 or more of any Ply Sheets fully adhered	Any Cap Sheet fully adhered	3 or more
10 year	Mechanically attached to nailable deck	Any Base Sheet	1 or more any SBS Base Sheet fully adhered	Any SBS Cap Sheet fully adhered	2 or more
10 year	Fully adhered over insulation/cover board	Not Required	1 or more any SBS Base Sheet fully adhered	Any SBS Cap Sheet fully adhered	2 or more
10 year	Mechanically attached to nailable deck	Any Base Sheet	3 or more plies of any Ply Sheet fully adhered	Flood Coat and Gravel	3 or more
10 year	Fully adhered over insulation/cover board	Not Required	3 or more plies of any Ply Sheet fully adhered	Flood Coat and Gravel	3 or more
10 year	Mechanically attached to nailable deck	410	1 or more 420	430	2 or more
10 year	Fully adhered over insulation/DD Prime	Not Required	1 or more 420	430	2 or more
10 year	Mechanically attached to nailable deck	Any Base Sheet		625, 630	
10 year	Fully adhered or screw and plated over insulation/cover board	Any Base Sheet		625, 630	
15 year	Mechanically attached to nailable deck	Any Base Sheet	2 or more of any Ply Sheet fully adhered	Any SBS Cap Sheet fully adhered	3 or more
15 year	Fully adhered over insulation/cover board	Not Required	2 or more of any Ply Sheet fully adhered	Any SBS Cap Sheet fully adhered	3 or more
15 year	Mechanically attached to nailable deck	Any Base Sheet	3 or more of any Ply Sheet fully adhered	Any Cap Sheet fully adhered	4 or more
15 year	Fully adhered over insulation/cover board	Not Required	3 or more of any Ply Sheet fully adhered	Any Cap Sheet fully adhered	4 or more
15 year	Fully adhered over insulation/cover board	Not Required	2 or more 506 Ply or 2 or more SBS Base Sheets fully adhered	Any Cap Sheet fully adhered	3 or more
15 year	Mechanically attached to nailable deck	Any Base Sheet	2 or more 506 Ply or 2 or more SBS Base Sheets fully adhered	Any Cap Sheet fully adhered	3 or more
15 year	Mechanically attached to nailable deck	Any SBS Base Sheet	1 or more any SBS Base Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	2 or more

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Length	Initial Ply/Base Sheet Attachment	Base Sheet	Ply Sheet(s)	Cap Sheet	Number of Sheets Fully Adhered
15 year	Fully adhered over insulation/cover board	Not Required	1 or more any SBS Base Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	2 or more
15 year	Mechanically attached to nailable deck	Any Base Sheet	1 or more of any ASTM D6163 Base Sheets fully adhered	Any 100 lb. SBS Cap Sheet fully adhered	2 or more
15 year	Fully adhered over insulation/cover board	Not Required	1 or more of any ASTM D6163 Base Sheets fully adhered	Any 100 lb. SBS Cap Sheet fully adhered	2 or more
15 year	Mechanically attached to nailable deck	Any Base Sheet	4 plies of 500 Ply Sheet or 3 or more plies of 506 Ply Sheet fully adhered	Flood Coat and Gravel	3 or more plies
15 year	Fully adhered over insulation/cover board	Not Required	4 plies of 500 Ply Sheet or 3 or more plies of 506 Ply Sheet	Flood Coat and Gravel	3 or more
15 year	Fully adhered over insulation and DD Prime	Not Required	610 fully adhered	630 fully adhered torch applied	2 or more
15 year	Mechanically attached to nailable deck	410	610	630	2 or more
15 year	Fully adhered over insulation and DD Prime	Not Required	2 or more 420	430	3 or more
15 year	Fully adhered over insulation and DD Prime	Not Required	420	440	2 or more
15 year	Mechanically attached to a nailable deck	410	420	440	2 or more
20 year	Fully adhered over insulation/cover board	Not Required	Any ASTM D6163 Base Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	2 or more
20 year	Mechanically attached to nailable deck	Any SBS Base Sheet	Any ASTM D6163 Base Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	2 or more
20 year	Fully adhered over insulation/cover board	Not Required	Any ASTM D6163 Base Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	2 or more
20 year	Fully adhered over insulation/cover board	N/A	2 or more any SBS Base Sheet	Any Cap Sheet fully adhered	3 or more
20 year	Mechanically attached to nailable deck	Any Base Sheet	3 or more 506 Ply Sheet fully adhered	Any Cap Sheet fully adhered	4 or more
20 year	Fully adhered over insulation and cover board	Not Required	3 or more 506 Ply Sheet fully adhered	Any Cap Sheet fully adhered	4 or more

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Length	Initial Ply/Base Sheet Attachment	Base Sheet	Ply Sheet(s)	Cap Sheet	Number of Sheets Fully Adhered
20 year	Mechanically attached to nailable deck	Any Base Sheet	2 or more 506 Ply Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	3 or more
20 year	Fully adhered over insulation/cover board	Not Required	2 or more 506 Ply Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	3 or more
20 year	Mechanically attached to nailable deck	Any Base Sheet	4 or more plies of 506 Ply Sheet	Flood Coat and Gravel	4 or more
20 year	Fully adhered over insulation/cover board	Not Required	4 or more plies of 506 Ply Sheet	Flood Coat and Gravel	4 or more
20 year	Fully adhered over insulation/cover board	Not Required	4 or more plies of 506 Ply Sheet	Flood Coat and Gravel	4 or more
20 year	Fully adhered over insulation and DD Prime	Not Required	2 or more 420	440	3 or more
20 year	Mechanically attached to nailable deck	410	2 or more 420	440	3 or more
20 year	Fully adhered over insulation and DD Prime	Not Required	610	440	2 or more
20 year	Mechanically attached to nailable deck	410	610	440	2 or more
25 year	Mechanically attached to nailable deck	Any SBS Base Sheet	3 plies of 506 Ply Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	4 or more
25 year	Fully adhered over insulation/cover board	Not Required	3 plies of 506 Ply Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	4 or more
25 year	Mechanically attached to nailable deck	Any SBS Base Sheet	1 or more any SBS Base Sheet fully adhered and one or more plies of any ASTM D6163 Base Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	3 or more
25 year	Fully adhered over insulation/cover board	Any SBS Base Sheet fully adhered	1 or more plies of any ASTM D6163 Base Sheet fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	3 or more
30 year	Mechanically attached to nailable deck	Any SBS Base Sheet	4 or more 506 Ply Sheets fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	5 or more

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Length	Initial Ply/Base Sheet Attachment	Base Sheet	Ply Sheet(s)	Cap Sheet	Number of Sheets Fully Adhered
30 year	Fully adhered over insulation/cover board	Not Required	4 or more 506 Ply Sheets fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	5 or more
30 year	Mechanically attached to nailable deck	Any SBS Base Sheet	2 or more ASTM D6163 Base Sheets fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	3 or more
30 year	Fully adhered over insulation/cover board	Not Required	2 or more ASTM D6163 Base Sheets fully adhered	Any ASTM D6163/6164 Cap Sheet fully adhered	3 or more

**Base Flashing Configurations:** Base Flashings are fully adhered. Cap Sheet in Base Flashings must equal the field cap or any ASTM D6163/6164 Cap Sheet.

**10 YEAR:**

- Any two (2) Ply Sheets and any Cap Sheet, all fully adhered
- Any Base Sheet and any Cap Sheet, both fully adhered

**15 and 20 YEAR:**

- Any ASTM D6163 Base Sheet and any Cap Sheet, all fully adhered
- Any Base Sheet and any ASTM D6163/6164 Cap Sheet, all fully adhered

**25 and 30 YEAR:**

- Any ASTM D6163 Base Sheet and any ASTM D6163/6164 Cap Sheet

**COLD PROCESS ADHESIVE PROJECTS:**

Use Karnak #66AF Brush-Grade and provide copies of invoices. Base Flashings require Karnak #66AF Trowel-Grade Adhesive.

Use only SBS Base Sheets as the base or inter-ply.