



**TECHNICAL BULLETIN**

**B-04-91-32**

**Conklin Warranty Program**

**Roofing System Matrix**

Updated 9/20/2007

The Conklin Company Building Products Division has identified the following Roofing Systems and related pricing for inclusion in the Warranty Program.

For specific questions related to paperwork or how the Warranty process works, call the Warranty Department at 952-445-6010 during normal business hours.

For product or product application questions, contact the Building Products Marketing Specialists at 952-445-6010 during normal business hours.

All Conklin Building Products information and specifications can be viewed, printed, or downloaded from our website [www.conklin.com](http://www.conklin.com)

**CONKLIN WARRANTY PROGRAMS**

**TECHNICAL BULLETIN**

**B-4-91-32**

Page 1

Updated 9/20/2007

Joint and System Warranties may require company inspections which require fees for the inspection. Refer to the warranty matrix or documents for square footage minimums and pricing for the various warranties or contact the Conklin Company Warranty department.

**Inspection fees of \$400 for a Joint Warranty and \$700 for a System Warranty will be in addition to the square footage fees.**

	MATERIAL WARRANTY	JOINT WARRANTY 1-10 years	JOINT WARRANTY 11-20 years	TOTAL SYSTEM WARRANTY
Benchmark over foam	1-15 years (1)	1-10 years (1)	11-15 years (1)	1-15 years (1,4)
Bench Ply	1-12 years	1-10 years	11-12 years	1-12 years (1,4)
MR System using Benchmark	1-12 years (2)	1-10 years (2)	11-12 years (2)	Not Available
Rapid Roof III over foam or Rapid Ply	1-10 years (1)	1-10 years (1)	Not Available	1-10 years (1,4)
MR System using Rapid Roof III	1-10 years (2)	1-10 years (2)	Not Available	Not Available
EPDM/Mod Bit Coating System - Rapid Roof III	1-10 years	1-10 years	Not Available	Not Available
Rapid Roof III & Prime Time + over spray foam (1)	5 years	Not Available	Not Available	Not Available
HyCrown	1-20 years (3)	1-20 years	11-20 years	1-20 years (4)
Flexion	1-15 years	1-10 years	1-15 years	Not Available

**Refer to Technical Bulletin B-4-91-32 for Warranty fee schedules**

1. Approved foam manufacturer only. (Contact Product Services for details)
2. Mobile home limited to 5 year materials only.
3. There is a nominal charge for an 11-20 year material warranty.
4. For approved substrates and manufacturers only. (See Matrix for details)

**CONKLIN WARRANTY PROGRAMS**

**TECHNICAL BULLETIN**

**B-4-91-32**

Page 2

Updated 9/20/2007

**WARRANTY MATRIX**

Materials Warranty  
(no charge 1-12 yrs.)

Joint Warranty  
(\$.06 sq. ft.  
Minimum \$600)

Joint Warranty  
(\$.07 sq. ft.  
Minimum \$700)

Total System Warranty  
(\$.10 sq. ft  
Minimum \$1000)

Recoat Material Warranty  
(\$50 Application fee)

	Materials Warranty (no charge 1-12 yrs.)	Joint Warranty (\$.06 sq. ft. Minimum \$600)	Joint Warranty (\$.07 sq. ft. Minimum \$700)	Total System Warranty (\$.10 sq. ft Minimum \$1000)	Recoat Material Warranty (\$50 Application fee)
Benchmark over spray foam	1-12 years	1-10 years	1-15 years (1)	1-15 years (1 )	1-5 years top coat only (7) 1-12 base & top coat (7)
Benchmark over spray foam 15 year Materials (3)	\$200 min. 20,000 sq. ft. \$.01 sq. ft. 20,001-50,000 \$.005 sq. ft. larger than 50,000 sq. ft.	N/A	N/A	N/A	1-5 years top coat only (7) 1-15 base & top coat (7)
Bench Ply (5)	1-12 years	1-10 years	1-12 years	1-12 years (2)	1-5 years top coat only (7) 1-12 base & top coat (7)
MR System using Benchmark	1-12 years (2)	1-10 years (2)	1-12 years (2)	N/A	1-5 years top coat only (7) 1-12 base & top coat (7)
Rapid Roof III over foam	1-10 years	1-10 years	N/A	1-10 years (1)	1-5 years top coat only (7) 1-10 base & top coat (7)
Rapid Ply (6)	1-10 years	1-10 years	N/A	1-10 years (2)	1-5 years top coat only (7) 1-10 base & top coat (7)
MR System using Rapid Roof III	1-10 years (2)	1-10 years (2)	N/A	N/A	1-5 years top coat only (7) 1-10 base & top coat (7)
EPDM/Mod Bit Coating System (Rapid Roof III)	1-10 years	1-10 years	N/A	N/A	1-5 years top coat only (7) 1-10 base & top coat (7)
MR System using Kolor Kote Finish Coat	1-5 years (4)	N/A	N/A	N/A	N/A
HyCrown & Flexion (Info on page 3)					
Rapid Roof III & Prime Time + over foam	1-5 years	N/A	N/A	N/A	1-5 years top coat only

1. Approved foam manufacturer only, contact (Contact Product Services for details)	6. Rapid Ply - using Rapid Roof III
2. Approved substrates and manufacturers only(Contact Product Services for details)	7. Substrate must be an existing Conklin acrylic product, (Rapid Roof, Rapid Roof II, Polymate, Rapid Roof III or Benchmark) refer to Tech. Bull. #B-6-93-36
3. Nominal charge for 15 year Material warranty.	
4. Mobile Homes limited to 5 year Material only warranty	8. Requires 3 gal. per sq. top coat in 2 passes (min. coating thickness – 34 dry mils)
5. Bench Ply - using Benchmark	

Joint and System Warranties may require company inspections which require fees for the inspection. Refer to the warranty matrix or documents for square footage minimums and pricing for the various warranties or contact the Conklin Company Warranty department.

**Inspection fees of \$400 for a Joint Warranty and \$700 for a Total System Warranty will be in addition to the square footage fees.**

**CONKLIN WARRANTY PROGRAMS  
TECHNICAL BULLETIN**

**B-4-91-32**

Page 3  
Updated 9/20/2007

**WARRANTY MATRIX**

	Materials Warranty	Joint Warranty	Total System Warranty	Comments
HyCrown	1-10 years No Charge	1-10 years \$.07 sq. ft. Min. \$350	1-10 years \$.10 sq. ft. Min. \$500	
HyCrown	1-15 years \$200 up to 10,000 sq. ft \$.02 sf 10,001-50,000sf \$.015 sf over 50,001 sf	11-15 years \$.07 sq. ft. Min. \$350	11-15 years \$.10 sq. ft. Min. \$500	
HyCrown (1,2,3,4,5)	1-20 years \$300 up to 10,000 sq. ft \$.03 sf 10,001-50,000sf \$.025 sf over 50,001 sf	16-20 years \$.07 sq. ft. Min. \$350	16-20 years \$.10 sq. ft. Min. \$500	
Flexion	1-10 years No Charge	1-10 years (\$.06 sq. ft. Min. \$300)	Not Available	
Flexion	1-15 years \$200 up to 10,000 sq. ft \$.02 sf 10,001-50,000sf \$.015 sf over 50,001 sf	11-15 years \$.07 sq. ft. Min. \$350	Not Available	

Footnotes:

1. 1-20 year HyCrown applications occasionally require the use of Tru-Fast barbed plates (Contact Product Services for details).
  2. 1-20 year HyCrown applications are only approved for use in new construction or overlay of confirmed dry substrate.
  3. Mechanically fastened or Fully adhered HyCrown applications only, will qualify for the 1-20 year HyCrown warranties.
  4. Approved substrates and manufacturers only, Contact Product Services for details.
  5. **All minimum square footage fees are based on 5000 sq. ft.**
- Contractor is solely responsible for years 1-3 on the 15 year Joint and Total System warranty and years 1-4 on the 20 year Joint and Total System warranty.

## HyCrown/Flexion and Component Warranty Matrix

Page 4  
Updated 9/20/2007

	1-20 year Material Warranty	1-20 year Joint Warranty (5,6,7)	1-20 year Total System Warranty (5,6,7)	Comments
Steel (flashing)	X	X	X	
Steel (deck)	O	O	O	
Concrete (structural)	S	O	O	
Plywood/OSB	X	O	O	
Asphalt (smooth or gravel removed)	S	O	O	
Tectum (fiber-cement)	X	O	O	
Wood plank	X	O	O	
Glass fiber	X	O	O	
Polystrene (1.5 lb. density min.)	S	O or S	O or S	
Cellular glass	X	O	O	
Wood fiber	X	O	O	
Perlite	X	O	O	
Gypsum	X	O	O	
Conklin AC II	X	X	X	
Atlas Energy ACII or III	X	X	X	
RMAX Multi-Max FA	X	X	X	
<b>Insulation Attachment</b>				
Hot asphalt-max. 4x4 sheets (2)	X	--	--	
Mechanical fasteners	X	X	XR	
<b>Sheet mechanical fasteners</b>				
Conklin approved list	X	X	X	
Conklin fasteners	X	X	X	
Trufast #12	X	X(3)	X	
Trufast #14 (FM)	XR	XR	XR	
Trufast concrete fastener	X	XR	XR	
G90 galvanized steel plate	X	X	X	
Galfan steel plate	X	X	XR	
Barbed Plates	X (20 yr. appl.)	X (20 yr. appl.)	X (20 yr. appl.)	
Ballasted System (10 lbs. per sq. min.)	X(4)	X(4)	--	
Hy-Vac Vacuum System	X	--	--	
Fully adhered System	X	--	--	

**Key**

X - Direct application permitted	-- Unacceptable	1. Conklin HyCrown fiberglass slip sheet
S - Separation sheet required	XR - Required	2. Consult local building codes
O - Overlayment required	SS - Slip sheet required (Atlas FR-10)	3. Concrete decks
CAS - Conklin approved substrate	FM - <b>Must</b> be used on Factory Mutual applications	4. Conklin must approve geosynthetic mat or slip sheet
5. 20 year available to Conklin Warranty Trained Contractors.	6. 20 year approved for new construction or approved overlay	7. Contractor responsible for years 1-4 on 20 year warranty

**Benchmark/Bench Ply Warranty Matrix**

Page 5  
Updated 9/20/2007

Benchmark 1-10 year Joint or Mat. Warranty	Benchmark 1-10 year Total System Warranty	Bench Ply 1-10 year Joint or Mat. Warranty	Bench Ply 1-10 year Total System Warranty	Bench Ply 1-12 yr. JT. Or Material Warranty	Benchmark 1-15 year Material Warranty
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**Substrate**

Conklin CD series(1)(6)	X	X	X	X	X	X
BPFE series spray foam(1)(6)	X	X	X	X	X	X
Other spray foam manufacturers (1)(6)	X		X		X	X

Atlas Energy ACII or III (2)			X	X	X	N/A
Conklin Co. approved list of boardstock manufacturers (2)			X		X	N/A
Built-up asphalt, smooth or <u>ALL</u> gravel removed			X(5)		X	N/A

**Substrate board fastening**

Conklin approved list of fasteners (4)			X	X	X	N/A
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**Membrane Minimum Thickness  
(dry mils)**

Benchmark (wo & w Spunflex fabric)	27/38	27/38	38	38	38	38/44
Benchmark (wo & w Spunflex II fabric)	27/48	27/48	48	48	48	38/54

**Key**

X - Approved	
1. Min. 1” thickness, 2.8-3.0 lb. density, 1/2” lift thick.	4. Refer to Technical Bulletin #B-9-87-8
2. Min. 1.5” thickness (opt., 2 boards @ 1” thickness ea.)	5. Materials Warranty only
3. Steel and Wood decks	6. Refer to Technical Bulletin #B-06-95-41

Contact Conklin Product Services or refer to product specification guides for specific system application procedures and rates.

## Rapid Roof III/Rapid Ply Warranty Matrix

Page 6  
Updated 9/20/2007

Rapid Roof III 1-10 year Joint or Mat. Warranty	Rapid Roof III 1-10 year Total System Warranty	Rapid Ply 1-10 year Joint or Mat. Warranty	Rapid Ply 1-10 year Total System Warranty
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### Substrate

Conklin CD series (1)(6)	X	X	X	X
BPFE series spray foam (1)(6)	X	X	X	X
Other spray foam manufacturers (1)(6)	X		X	
EPDM/Mod Bit (mech. Fastened or fully adhered) reflective top coat or seam ply system	X		X	
Atlas Energy, ACII or III (2)			X	X
Conklin Co. approved list of boardstock manufacturers (2)			X	X
Built-up asphalt, smooth or <b><u>ALL</u></b> gravel removed			X(5)	

### Substrate board fastening

Conklin approved list of fasteners (4)			X	X
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### Membrane Minimum Thickness (dry mils)

Rapid Roof III (Spunflex fabric)	25	25	36	36
Rapid Roof III (Spunflex II fabric)	25	25	46	46

### Key

X – Approved	
1. Min. 1” thickness, 2.8-3.0 lb. density, 1/2” lift thick.	4. Refer to Technical Bulletin #B-9-87-8
2. Min. 1.5” thickness (opt., 2 boards @ 1” thickness ea.)	5. Materials Warranty only
3. Steel and Wood decks	6. Refer to Technical Bulletin #B-06-95-41

Contact Conklin Product Services or refer to product specification guides for specific system application procedures and rates.

## MR (Metal Roof) Warranty Matrix

Page 7  
Updated 9/20/2007

Benchmark/Rapid Roof III 1-10 year Mat. or Jt. Warranty	Benchmark 1-12 year Mat. or Jt. Warranty	Kolor Kote 1-5 year Mat. only
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### Substrate

Steel	X	X	X		
Factory coated steel i.e. Kyner etc.	X	X	X		
Aluminum	X	X	X		
Manufactured Homes (steel or aluminum)			X		

### Membrane Minimum Thickness (dry mils)(1)

	Benchmark	Benchmark 1-12 yrs	Rapid Roof III	Kolor Kote Top Coat	
Field of the roof panel	13	13	12	3	
Panel joint - side lap – Spunflex	38	38	36	3	
Panel joint - end lap – Spunflex	38	38	36	3	
Panel joint - side lap - Spunflex II	48	48	46	3	
Panel joint - end lap - Spunflex II	48	48	46	3	
Panel joint - side lap - Butyl Tape	50	50	49	3	
Panel joint - end lap - Butyl Tape	50	50	49	3	

### Key

X – Approved	1. Includes basecoat, topcoat, Spunflex or Spunflex II fabric
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**Note:** Any rusted areas **MUST** be coated with Metal Ready WB, rust inhibiting primer, prior to applying the acrylic coatings. Manufactured Homes can also be referred to as Mobile Homes. Kolor Kote may be used at a rate of .5 gallons per square in place of Benchmark or Rapid Roof III as the finish coat over the entire roof. Panel joints must still be waterproofed using basecoat, fabric/butyl tape and roofing system top coat. If this option is chosen, the warranty will be limited to 1-5 years.

The use of butyl tape on MR System seams only requires the application of a roofing system top coat (Benchmark or Rapid Roof III). For specific coating application rates, refer to the MR System specification sheet, section 01394 or contact Conklin Product Services.

## Rapid Roof III/Prime Time Plus Warranty Matrix

**Recommended for use over spray foam substrates only!**

Rapid Roof III  
 Prime Time Plus  
 5 year Mat. War.

**Substrate**

Conklin CD series (1)(6)	X			
BPFE series spray foam (1)(6)	X			
Other spray foam manufacturers (1)(6)	X			

**Membrane Minimum Thickness  
 (dry mils)**

Prime Time Plus primer	6-8			
Rapid Roof III Top Coat	12			

**Key**

X – Approved	
1. Min. 1” thickness, 2.8-3.0 lb. density, 1/2” lift thick.	
2. Materials Warranty only	

Contact Conklin Product Services or refer to product specification guides for specific system application procedures and rates.