

# Sika Sarnafil

World Class Roofing and Waterproofing

## ROOFING TECHNICAL BULLETIN

#06-13

To: Roofing Consultants  
Authorized Roofing Applicators  
Sika Sarnafil Sales Staff & Sales Representatives  
Sika Sarnafil Regional Technical Staff  
Sika Sarnafil Customer Service Staff  
Sika Sarnafil Services Staff  
Sika Sarnafil Marketing

From: Sika Sarnafil Technical Service Department

Date: June 14, 2013

**Subject: FR10 and FR50 Slip-Sheets**

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Sika Sarnafil approves the use of the Atlas Roofing Corporation's fire retardant slip sheets, FR10 and FR50 to be used with the Sikaplan membrane for both in-seam as well as Rhinobond applications.

The FR10 and FR50 slip sheets are coated glass fiber mats specifically designed for installations over wood decks or polystyrene insulation. The flame retardant coating and glass fiber mat provide protection against flame spread and flame penetration through the roof system. The slip sheet can also be used as a barrier between chemically incompatible insulation such as styrene insulations and any single ply or smooth or mineral surface roof membranes.

### Installation

The FR slip sheets are lightweight, easy to handle and quick to install. The slip sheet should be rolled out, overlapping the side and end of the preceding sheet a minimum of 2 inches (50 mm). The roof membrane sheet shall be rolled out perpendicular to the FR slip sheets. The mechanical fasteners of the membrane will hold the FR slip sheet in place. Additional mechanical fasteners may be needed to hold the FR slip sheet in place during installation under windy conditions. Install only as much slip sheet as can be covered by the end of the day.

### Storage

The factory applied packaging is intended for protection during transit, and is not weatherproofing protection. When stored outdoors or on the project site, the slip sheet rolls shall be stacked on pallets that are at least 4 inches (100 mm) above the ground or roof surface and be completely covered with a weather proofing cover.



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## Technical Data

Slip Sheet	Area per Roll	Coverage per Roll w/ 2" Lap	Roll Size	Roll Weight (approximate)
FR10	1000 ft <sup>2</sup> (92.9 m <sup>2</sup> )	964 ft <sup>2</sup> (89.5 m <sup>2</sup> )	4 ft x 250 ft (1.2 m x 76.2 m)	96 lbs (43.5 kg)
FR50	420 ft <sup>2</sup> (39 m <sup>2</sup> )	402 ft <sup>2</sup> (37.3 m <sup>2</sup> )	4 ft x 105 ft (1.2 m x 32 m)	80 lbs (36.3 kg)

## UL Fire Ratings as found in the UL Directory for Atlas Roofing Corporation listing, UL file #13089

### **CLASS A - Mechanically Attached**

#23 Deck: Combustible - 15/32 Incline: 1/2  
Slip Sheet: Two layers of FR50  
Membrane: Sikaplan

#24 Deck: Combustible - 15/32 Incline: 1/2  
Insulation (Optional): Any UL Classified, any thickness (except EPS and wood fiber)  
Membrane: Sikaplan (Note: membrane must be currently classified for use over the insulation used)

### **CLASS B - Mechanically Attached**

#6 Deck: Combustible - 15/32 Incline: 1/2  
Slip Sheet: One ply FR10 mechanically fastened  
Membrane: Sikaplan

#8 Deck: Combustible - 15/32 Incline: 1/2  
Slip Sheet: Two layers of FR10 or FR50  
Insulation: UL Classified polystyrene, minimum 1/2 inch thick  
Slip Sheet: One layer of FR10 or FR50  
Membrane: Sikaplan

### **Maintenance and Repair**

Deck: Combustible - 15/32 Incline: 1/2  
Existing Roof System: Any UL Classified Class A, B or C roof system to maintain existing classification  
Slip Sheet: One layer of FR10, mechanically attached  
Membrane: Sikaplan

