



## Technical Report

### Recycle Content of Fi-Foil Products during the Second Quarter of 2018

Prepared For:

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Report: RD18654

A handwritten signature in black ink, appearing to read 'Stuart Ruis', is written over a horizontal line.

Stuart Ruis  
President

September 13, 2018

The test results in this report apply only to the specimens tested. The tests conform to the respective test methods except for the report requirements. The report includes summary data but a full complement of data is available upon request. This report shall not be reproduced, except in full, without written approval of R & D Services, Inc. This report must not be used by the client to claim product endorsement by R & D Services, Inc., IAS or any other organization.

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**Verification of Recycle Content for Reflective Insulation and Radiant Barrier Products Manufactured by Fi-Foil Company**

The pre-consumer and post-consumer recycled material content of the following Fi-Foil Company products has been verified for the period April 1 to June 30, 2018 by R&D Services, Inc., a third-party testing and inspection service operating in compliance with ISO 17025 (TL-566) and ISO 17020 (AA-712).

Verified Products

AA-2	width 16 inches	(AA-2 Vapor Shield)
AA-2	width 24 inches	(AA-2 Vapor Shield)
VR+	width 16 inches	(VR Plus Shield)
VR+	width 24 inches	(VR Plus Shield)
B-3	width 16 inches	(Silver Shield Radiant Barrier)
B-3	width 24 inches	(Silver Shield Radiant Barrier)
B-3	width 30 inches	(Silver Shield Radiant Barrier)
HYFi	width 16 inches	(Hybrid component)
HYFi	width 24 inches	(Hybrid component)

The verified weight % pre-consumer and post-consumer recycle contents for each of the above nine products are listed in Attachment 1. The recycle content is obtained from pre-consumer content weighted 50% with post-consumer content weighted 100%. The product verifications are based on the recycle content of the components used to produce each product and the confirmation of a balance between incoming materials and manufactured items. Manufacturing and inventory data for the compliance period were provided by Fi-Foil Company on April 26, 2018. The most recent on-site review was completed on October 21, 2016.

David W. Yarbrough, PhD, Florida PE 0050959  
 September 13, 2018

R&D Services, Inc.

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**Verification of Recycle Content for Reflective Insulation and Radiant  
 Barrier Products Manufactured by Fi-Foil Company 2018 Q1**

Attachment 1. Pre-Consumer and Post-Consumer Recycle Content

Product		Weight %		
		<u>Pre-Consumer</u> (50%)	<u>Post-Consumer</u> (100%)	<u>Total</u>
AA-2 Vapor Shield	width 16 inches	2.8	45.1	47.9
AA-2 Vapor Shield	width 24 inches	3.3	39.5	42.8
VR Plus Shield	width 16 inches	1.5	31.8	33.3
VR Plus Shield	width 24 inches	1.7	24.9	26.6
B-3 Silver Shield RB	width 16 inches	2.4	22.6	25.0
B-3 Silver Shield RB	width 24 inches	2.9	17.3	20.2
B-3 Silver Shield RB	width 30 inches	5.1	15.3	20.4
HYFi	width 16 inches	2.2	40.4	42.6
HYFi	width 24 inches	2.5	34.4	36.9