



R&D Engineering
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TECHNICAL REPORT

Recycle Content of Fi-Foil Products Fourth Quarter of 2023

REPORT ISSUED TO:

Fi-Foil Company, Inc.
P.O. Box 800
612 Bridgers Avenue West
Auburndale, FL 33823

REPORT NUMBER: RD24148

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A handwritten signature in black ink that reads 'Michael Joyce'.

Michael Joyce, PE

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

The pre-consumer and post-consumer recycled material content of the following Fi-Foil Company, Inc. products has been verified for the period October 1 to December 31, 2023, 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).

Table 1: 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, Inc. on January 12, 2024. The most recent on-site review was completed on December 9, 2022.



David W. Yarbrough, PhD, Florida PE 0050959
 January 22, 2024

ATTACHMENT 1

Verification of Recycle Content for Reflective Insulation and Radiant Barrier Products Manufactured by Fi-Foil Company in Q4 of 2023

Table 2: Pre-Consumer and Post-Consumer Recycle Content (Weight %)¹

Product	Pre-Consumer (50%)	Post-Consumer (100%)	Total
AA-2 width 16 inches	2.7	42.0	44.7
AA-2 width 24 inches	3.2	37.1	40.3
VR+ width 16 inches	1.5	29.6	31.1
VR+ width 24 inches	1.6	23.1	24.7
B-3 width 16 inches	1.3	22.9	24.2
B-3 width 24 inches	1.6	17.6	19.2
B-3 width 30 inches	2.8	15.6	18.4
HYFi width 16 inches	2.2	38.3	40.4
HYFi width 24 inches	2.4	32.7	35.1

¹ Percentages in Attachment 1 have been rounded to one decimal place.