

March 3, 2016

RE: Monokote® Fireproofing Materials
LEED 2009 Green Building Rating System™

This letter will detail the contribution of Monokote fireproofing materials to the LEED 2009 Green Building Rating System™ for New Construction, Major Renovations of existing buildings, Core & Shell and Schools.

MR Credit 2.1: Construction Waste Management, Divert 50% from Disposal

MR Credit 2.2: Construction Waste Management, Divert 75% from Disposal

In areas where facilities exist, the following Monokote fireproofing materials are recyclable and can contribute to earning Materials and Resources Credit 2.1 and Credit 2.2.

- 55 bags/pallet Kraft Paper 27.5 lbs.
- Wooden Pallet wood 45 lbs.

MR Credit 4.1: Recycled Content, 10%

MR Credit 4.2: Recycled Content, 20%

The recycled content of Monokote fireproofing materials is as follows and can contribute to earning Materials and Resources Credit 4.1 and Credit 4.2.

<u>Monokote Product</u>	<u>Wt. Percent Post Consumer</u>	<u>Wt. Percent Post Industrial</u>
MK-6/HY	7.13	0.00
MK-6s	5.13	0.00
MK-6 ES	5.13	0.00
MK-6/GF	7.05	0.00
RG	8.27	0.00
MK-10/HB	6.99	0.00
MK-10/HB ES	5.01	0.00
MK-1000/HB	5.10	0.00
MK-1000/HB ES	5.09	0.00
Z-106s	1.44	0.00
Z-106/HY	5.05	0.00
Z-106G	5.13	0.00
Z-146	1.93	0.00
Z-3306	4.51	0.00
SK-III	0.00	0.00
Z-146PC	1.91	0.00
Z-146T	1.91	0.00
Z-156	1.25	0.00
Z-156PC	1.23	0.00
Z-156T	1.23	0.00
Firebond Concentrate	0.00	0.00

MR Credit 5.1: Regional Materials, 10% Extracted, Processed & Manufactured Regionally
MR Credit 5.2: Regional Materials, 20% Extracted, Processed & Manufactured Regionally

Monokote fireproofing materials are manufactured in several locations in North America. If these locations fall within a 500-mile radius of the project site and the location the raw materials used to make the finished product are extracted, recovered or harvested within a 500-mile radius of the project, then these materials or a portion of the materials can contribute to earning Materials and Resources Credit 5.1 and Credit 5.2.

The following are the locations of the Monokote fireproofing materials manufacturing plants:

- Ajax, Ontario, Canada
- Irondale, Alabama
- Santa Ana, California
- Andover, MA (Firebond Concentrate only)

Please contact your local GCP-AT representative to request a project specific letter pertaining to Credit 5.1 and Credit 5.2. The letter will provide the quantity of raw materials that are extracted, recovered or harvested within 500 miles of the project location.

MR Credit 6: Rapidly Renewable Materials

None of the Monokote fireproofing materials are made from or contain any rapidly renewable materials.

MR Credit 7: Certified Wood

None of the Monokote fireproofing materials are made from or contain any wood-based materials. MR Credit 7 is not applicable to Monokote fireproofing materials.

EQ Credit 4.2: Low Emitting Materials, Paints & Coatings

Firebond Concentrate is considered to be an architectural coating and can help contribute to earning Indoor Environmental Quality EQ Credit 4.2. None of the other Monokote® products contain any VOC.

<u>Product</u>	<u>VOC Content g/L</u>
Firebond Concentrate	15.0
Monokote SFRM	0.0

Please feel free to contact me with any additional questions or information.

Sincerely,



John Dalton
Technical Service Manager
GCP-AT (formerly W.R. Grace)