



Asphalt Roofing Recycling Committee Meeting

1:30 PM to 2:30 PM EDT

Chairs: Laurand Lewandowski, Owens Corning and Eileen Dutton, Malarkey Roofing

Discussion Topic	Support Materials
Call to Order <ul style="list-style-type: none"> • Roll Call (via Sign-in Sheet or Online ID) • Antitrust Reminder • Welcome by Chairs • Agenda Review and Approval • Approval of Minutes 	00 - Antitrust Quick Reference 00 – Minutes 09 August 2023
Asphalt Roofing Recycling Forum Working Group Report – Estes, Zentner	
Measurement Working Group Report – Leo <ul style="list-style-type: none"> • Presentation of Proposal and ARRC Consideration <i>Measurement Working Group will share proposed means and methods to measure and report on industry diversion from landfill. ARRC support to advance proposal to the Board is sought.</i> 	01 – MWG Draft Presentation 02 – MWG Draft Narrative
Low-slope Asphalt Roofing Recycling Task Force Report – Wadding/Lodge	
Life Cycle Assessment Working Group Report– Phillips	
Monitor Regulatory and Legislative Space – Higginbotham/Hitchcock <ul style="list-style-type: none"> • Buy Clean Initiatives • Extended Producer Responsibility for Packaging • Construction Materials Recycling • Asphalt Recycling Bills • Discussion of Producer Responsibility Organizations 	03 – Regulatory & Legislative Update
Develop Collaboration with Other Stakeholders – Phillips <ul style="list-style-type: none"> • Construction & Demolition Recycling Association (CDRA) • National Roofing Contractors Association (NRCA) • National Asphalt Pavement Association (NAPA) 	
Other Updates	
Action Item Review <ul style="list-style-type: none"> • Next Meeting – 19 Oct 2023, 1:00 – 2:30 PM EDT 	
Adjournment	

Zoom Connection Information

Asphalt Roofing Manufacturers Association is inviting you to a scheduled Zoom meeting.

Topic: ARMA 2023 Summer Committee Meeting HSE, Tuesday Sept. 12

Time: Sep 12, 2023 03:00 PM Central Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/84173338138?pwd=RXV6K1lIMDBYemZ2WlVXK3JlbkozZz09>

Meeting ID: 841 7333 8138

Passcode: 730136

One tap mobile

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Dial by your location

- +1 309 205 3325 US
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- +1 253 215 8782 US (Tacoma)
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- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 9128 US (San Jose)
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US

Meeting ID: 841 7333 8138

Passcode: 730136

Find your local number: <https://us02web.zoom.us/u/ker5bP0RO>



To: ARMA Members and Staff

From: Reed Hitchcock, Executive Vice President

Re: Antitrust Compliance - Quick Reference

The Asphalt Roofing Manufacturers Association (“ARMA” or “Association”) has in effect an Antitrust Compliance Policy (“Policy”). The Policy is intended for the guidance of ARMA member company representatives, officers, directors and staff, when engaged in any activity conducted in the name of, or on behalf of, ARMA. All such persons are expected to be familiar with the Policy and to follow it both in letter and in spirit.

The following cautionary statements are taken from the full Policy and are intended to be used as a quick reference tool. This document is not a substitute for the full Policy, which is available from the Association’s office and with which all are expected to be conversant. At all Association meetings and events, including informal gatherings before, during or following such meetings and events, ARMA members, their representatives and guests will not discuss any of the following competitively sensitive topics:

1. Current or future prices, price levels, costs or profit margins.
2. What is a fair or rational profit level.
3. Actions which could lead to standardizing or stabilizing prices.
4. Pricing or bidding methodologies or procedures.
5. Pricing practices or strategies, including methods, timing or implementation of price changes.
6. Whether or how prices, warranties or other terms of sale are advertised.
7. Cash or any other discounts, rebates, service charges or other terms and conditions of sale.
8. Credit terms.
9. Product warranty terms.
10. Actual, planned or projected production, production capacity or capacity utilization.
11. Projected demand.
12. Confidential company plans for new products.
13. Dividing or allocating geographic or product markets or customers.
14. Whether or on what terms to do business with a supplier, competitor or customer.
15. Whether or on what terms to solicit other companies’ employees for employment.
16. The business practices of individual firms.
17. The validity of any patent or the terms of any patent license.
18. Ongoing litigation, unless being reported upon by ARMA’s General Counsel or discussed appropriately at ARMA’s Counsel Forum.

We hope the above rules will be helpful as you participate in ARMA meetings and other activities. If you have any questions about antitrust compliance, do not hesitate to contact ARMA’s General Counsel:

C. Michael Deese
ARMA General Counsel
Howe & Hutton, Ltd.
Tel: (571) 499-6686 x103
Email: cmd@howehutton.com



Asphalt Roofing Manufacturers Association
Asphalt Roofing Recycling Committee (ARRC)
Virtual Meeting DRAFT Minutes
Wednesday, August 9, 2023

Attendance

Amy Lee, Owens Corning
Allan Lawrence, IKO Industries
Eileen Dutton, Malarkey Roofing Products
Heather Estes, GAF
Husnu Kalkanoglu, SOPREMA
Jill Betters, CertainTeed LLC
Jim Kirby, Siplast
Jonathon MacBride, SGI
Julie Shoemaker, SOPREMA
Julianna Grippa, American Hydrotech, Inc. a Sika Company
Laurand Lewandowski, Owens Corning
Lorena Garcia Cucalon, Kraton Corporation
Madeline Fleisher, Owens Corning
Mark Leo, Owens Corning
Maureen Kavanagh, 3M Industrial Mineral Products Division
Phil Kehoe, Harsco Environmental
Punit Singhvi, Crafcoc, Inc.
Raj Deshpande, CertainTeed LLC
Samuel Miller, Owens Corning
Sara Hyacinthe, PABCO Roofing Products
Stephanie Daniels, Atlas Roofing Corporation
Steven Wadding, Polyglass USA
Will Smith, Owens Corning

Management Team and Consultants

Reed Hitchcock, ARMA Executive Vice President
Aaron R. Phillips, ARMA Vice President of Technical Services
Andy Lodge, ARMA Technical Consultant
Lisa Christie, ARMA Membership Coordinator

Call to Order

Dutton called meeting to order at 1:00PM EDT. Christie conducted roll call and reminded members of the ARMA Antitrust Compliance Policy.

Motion to approve the agenda as presented (Wadding/Estes) carried.

Motion to approve ARMA Asphalt Roofing Recycling Committee minutes from the June 21, 2023 meeting as presented (Kalkanoglu/Lewandowski) carried.

Asphalt Roofing Recycling Forum Working Group Report

Estes gave an update on the working group, including date and time of the event, the recent distribution of a "Save the

Date” email, and plans for registration to open soon. Dutton mentioned that the recycling forum was announced at the CDRA meeting this week. Discussion about sponsorship opportunities and plans took place.

Measurement Working Group Report

Presentation of Proposal and ARRC Consideration

Phillips provided a short overview of the work completed by the working group. Leo reviewed the draft presentation of the proposed methodology that is being prepared for the Board in November. Formatting suggestions were made. Questions and discussions took place about manufacturing waste data and its collection, representativeness of ARMA shipment report data, initial inclusion of low-slope data, further refinements to be made to modified bitumen data, consideration of product aging, the need to define diversion, communication of results, and future work that is necessary. Phillips requested that anyone with suggestions to improve the communication to the Board send those to him or Leo as soon as possible. Lewandowski mentioned that the working group would have their next meeting in-person during the Summer meetings in Chicago on September 11.

Monitor Regulatory and Legislative Space

Buy Clean Initiatives

Phillips noted that there have been no significant developments and initiatives are still under review. Staff will continue to monitor.

Extended Producer Responsibility for Packaging

Phillips alerted members that New Hampshire HB 253 was enacted on July 12. The bill established a committee to study extended producer responsibility. The bill mentions a number of possible EPR targets with packaging most closely relating to the industry. Staff will continue to monitor.

Construction Materials Recycling

Phillips alerted members of a recent amendment to the New Jersey (NJ S 3255) bill which increases the amount of reclaimed asphalt pavement that can be used by contractors for public highway or local road projects. He noted that the bill is currently in the Senate and likely to pass. There was discussion from the group about what entities set RAP limits in New Jersey.

Inform and Educate (ARMA Members and the Public)

Asphalt Shingle Recycling Technical Bulletin Update

Phillips shared that the *Asphalt Shingle Recycling* technical bulletin has been updated on the ARMA website and reviewed the areas updated.

Low-slope Asphalt Roofing Recycling Task Force Report

Wadding provided an update on the Low-slope Asphalt Roofing Recycling Task Force (LARRTF). The last meeting took place on July 18 and included discussion about collaborating with other stakeholders. Wadding reported that ARMA staff inquiries to CDRA and NCRA have not garnered responses yet. Other resources include European partners and other ARMA stakeholders. Wadding mentioned that the task force has discussed adding resources to the ARMA website for low-slope roofing recycling. He shared that group members had discussions with shingle recyclers and learned that

recyclers generally have limited knowledge of low slope asphalt roofing as a recycling option. The task force is also considering the possibility of creating a white paper focused on low-slope roofing recycling. A discussion about the lack of awareness of low-slope recycling and possible ways to increase awareness occurred. Wadding reported that the next scheduled meeting of the task force is October 31, but indicated that another meeting may be scheduled in September. Phillips mentioned there would be a speaker at the summer meeting that will present on their company's process for recycling of low slope roofing.

Life Cycle Assessment Working Group Report

Phillips gave an update on the newest working group. He reviewed the objective of the working group, commended participants for their engagement during the first two meetings, and shared some details about the draft project plan which is being created. He opened it up to the group for questions. There were no questions from the group. The next meeting of the working group will be on August 21.

Develop Collaboration with Other Stakeholders

Asphalt Institute (AI)

Dutton shared an update on AI activities, including development of a questionnaire to send to shingle recyclers to gather information on barriers to recycling, best practices for receiving recycled materials, and end uses for the materials. She indicated that there will be a report from Jeff Rowe, State Farm, on "The Durability of Asphalt Shingles" at the December meeting.

Environmental Research & Education Foundation (EREF)

Phillips alerted attendees to the availability of the latest edition of EREF's annual report on municipal solid waste tipping fees. He noted that there is a link to the document on the meeting agenda and in the July ARRC monthly report.

Other Updates

There were no other updates. Dutton encouraged members to attend the in-person meeting in Chicago if they are able.

Action Item Review

Next Meeting: September 12, 2023, 1:30PM – 2:30PM Central Time

ACTION: Group members to send suggested improvements for the MWG Board communications to Phillips or Leo as soon as possible

Adjournment

The meeting was adjourned at 2:20PM EDT.