WHAT IS THE TECHNICAL COMMITTEE?

- Advisory committee to the Board
- Charged with understanding and resolving scientific and technical issues
- Makes non-binding recommendations
- Diverse and balanced group comprised of 32 members (16 voting)
- Meets 3 - 4 times per year
Since the 2017 Membership Meeting:

- New Alternate Voting Member: Greg Keeler (Owens Corning)
- Two current vacancies
  - Class B Voting Member
  - Class A Alternate Member
  (Board will appoint a candidate this afternoon)
COMMITTEE UPDATES (continued)

• CRRC test method for Directionally Reflective Materials published as ASTM C1864 in late 2017

• Committee’s major decisions:
  – ASTM C1371 for coatings on rough substrates
  – Color Family Random Testing procedure
  – Colorimetry testing requirements
  – Three new technical research studies
ACTIVE WORKING GROUPS

- Rough Substrates
- Colorimetry
- Method Evaluation
- Methods & Instruments Subcommittee
UPCOMING MEETINGS

• August 23, 2018 (Chicago)
• October 23, 2018 (conference call)

Interested in attending? Contact:
• Sarah Schneider (sarah@coolroofs.org)
• Mischa Egolf (mischa@coolroofs.org)
2018 Research Studies:
- Coatings on Rough Substrates: Weathering Observation
- Comparison of Solar Reflectance Test Methods
Objective: Observe durability of the underlying rough substrate over period of field exposure in three climate zones

Key details:
• 66 total samples provided by RCMA manufacturer members and CRRC working group
• Observe specimens at 3-month intervals for up to 3 years

Outcome: Approval of specification for coatings on rough substrates
Objective: Compare results of field and laboratory test methods on varying product types and geometries

Key details:

• 10 products of 4 unique types
• Field testing at Atlas in Phoenix, AZ

Outcome: Robust dataset, reinforcing the validity of values on the CRRC Rated Products Directory
Two additional research studies planned for late 2018 or early 2019:

• Compilation of historical weathering data report

• Rapid Ratings data validation study
THANK YOU!!!

• Manufacturers that donated products
• Atlas Material Testing for providing a worksite
QUESTIONS?