

# Mix Design and Analysis Track Pooled Fund TAC Meeting TPF 5(205)

National Concrete Pavement  
Technology Center



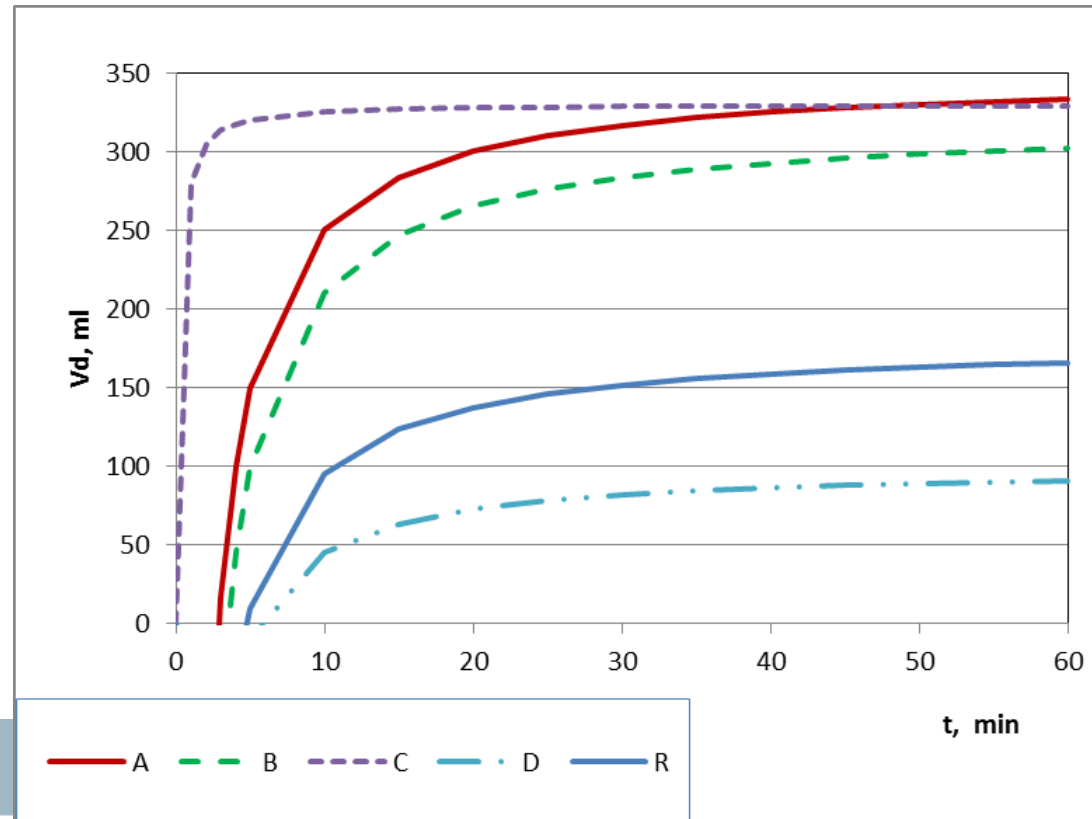


## Pooled Fund 5(205)

- Participating States (8)
  - IA, KS, MI, MO, NY, OK, TX, WI
- Contract Status
  - Pooled fund contract ends in June 2013
  - FHWA contract ends in July 2012

# Pooled Fund Tasks

- Tests
  - Portable XRF
    - Complete
    - Foam drainage
    - Ongoing

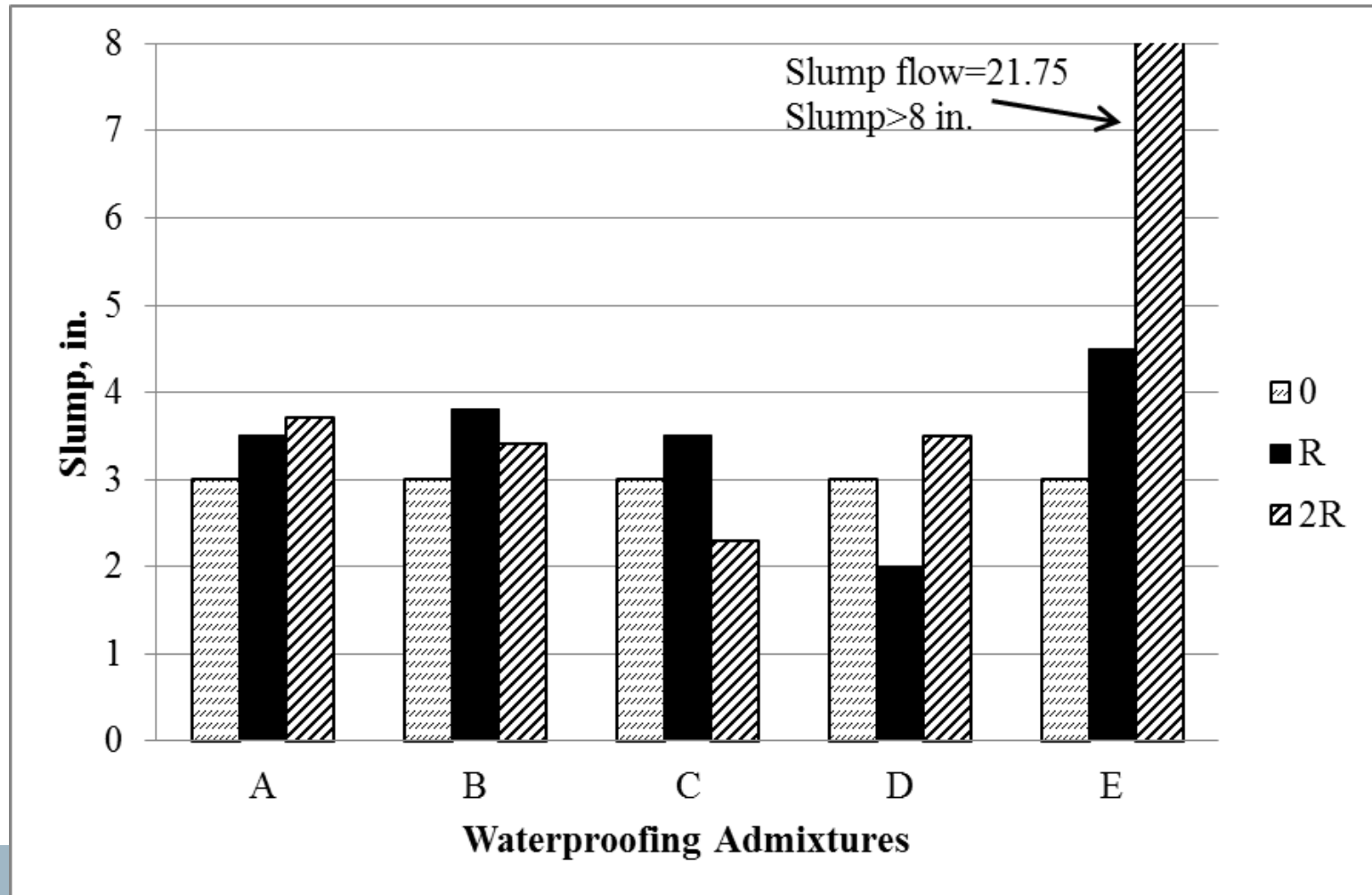


# Pooled Fund Tasks

- Tests
  - Protocol for integral waterproofers
    - Tested 5 products:
      - Acrylic
      - Polymeric
      - Crystalline
    - Report being prepared

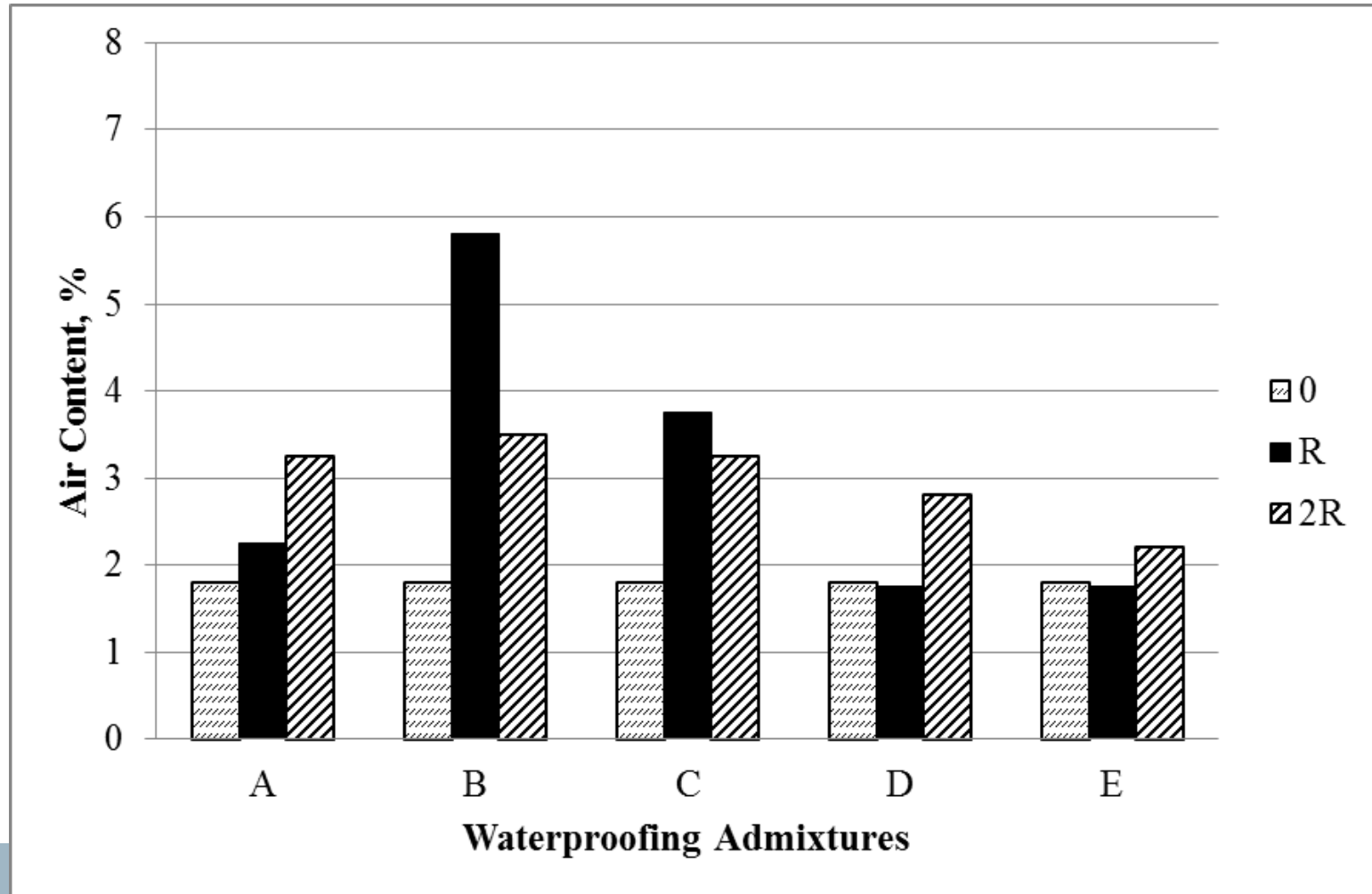
# Pooled Fund Tasks

- Protocol for integral waterproofers



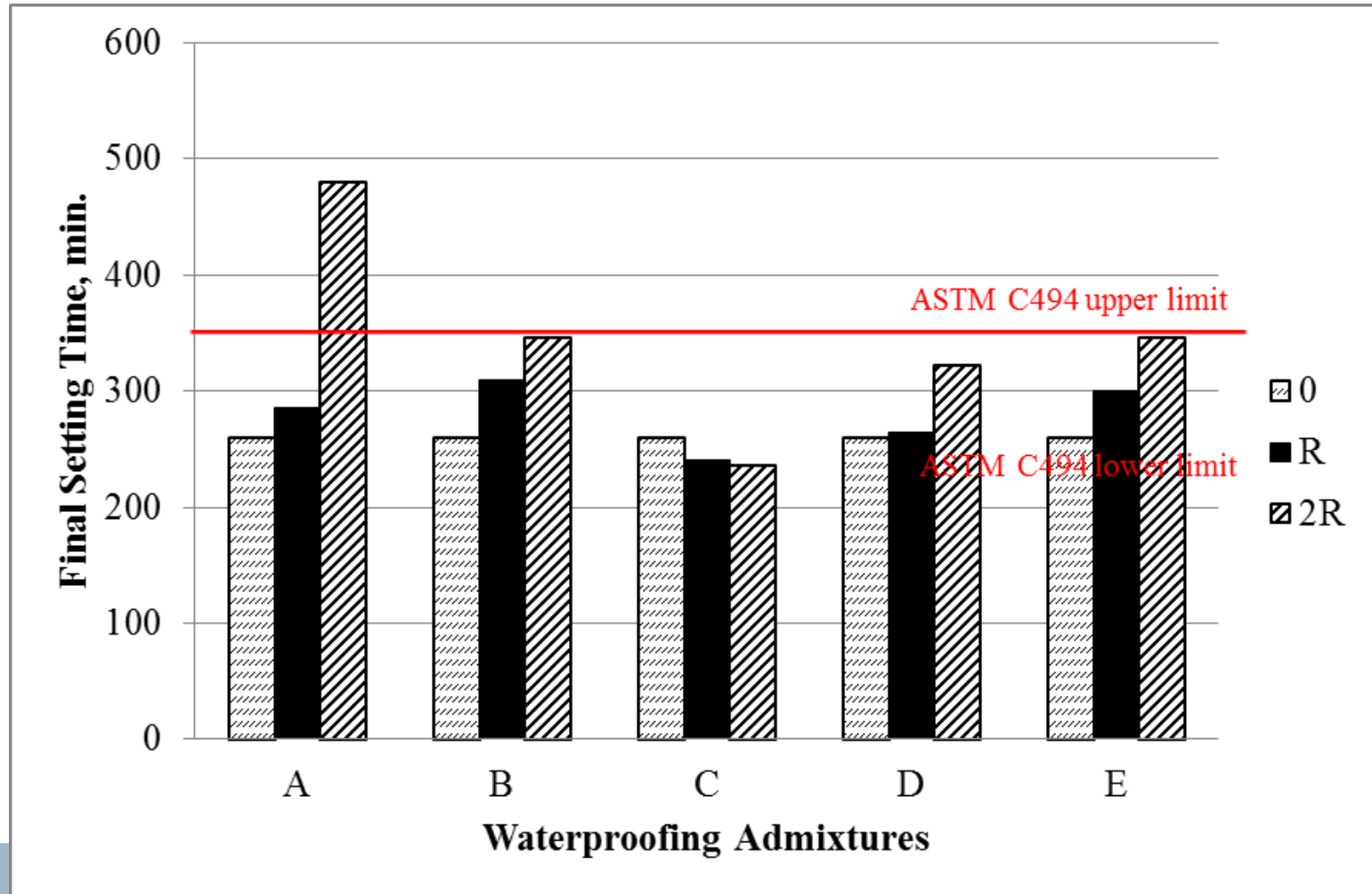
# Pooled Fund Tasks

- Protocol for integral waterproofers



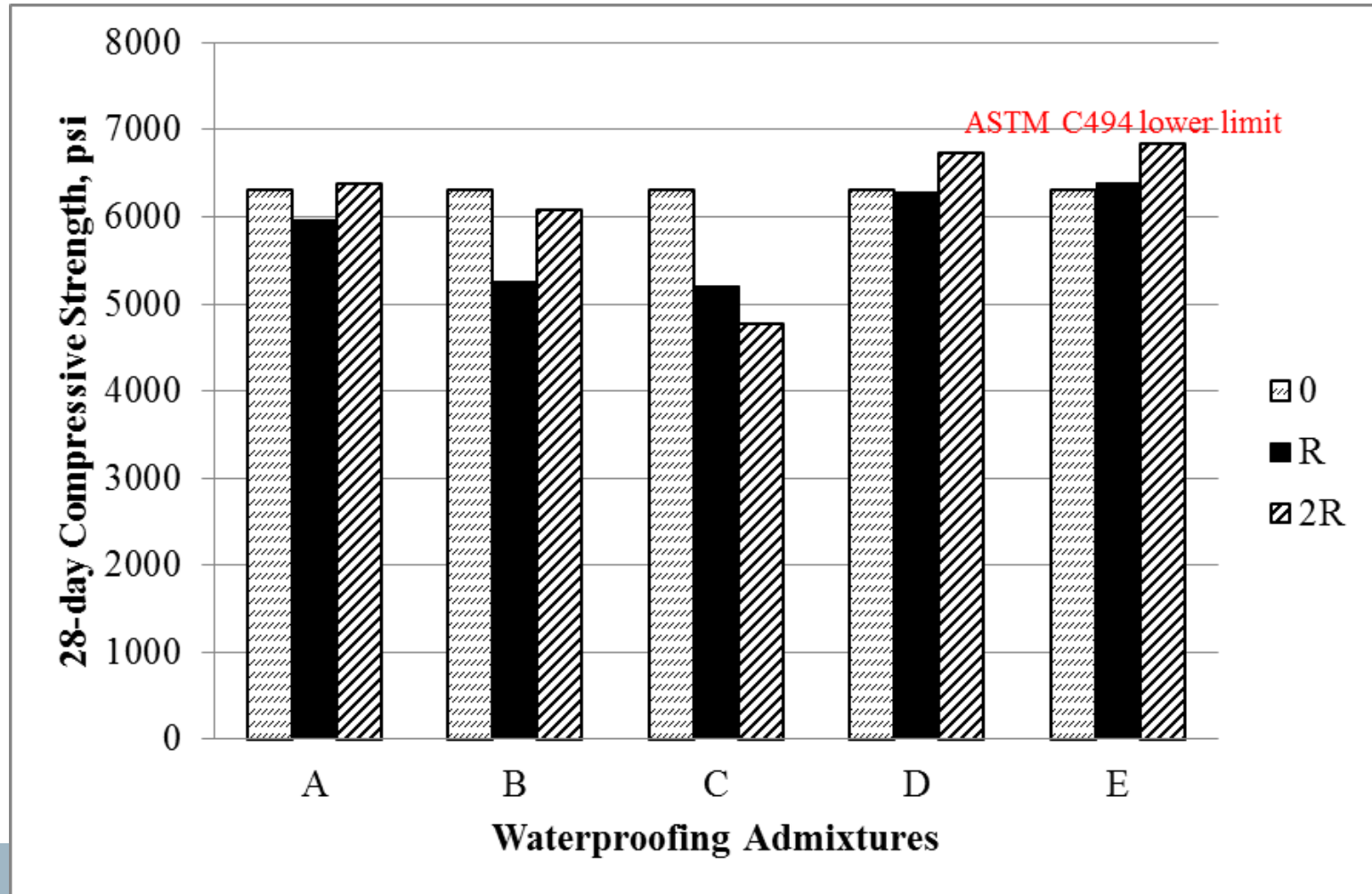
# Pooled Fund Tasks

- Protocol for integral waterproofers



# Pooled Fund Tasks

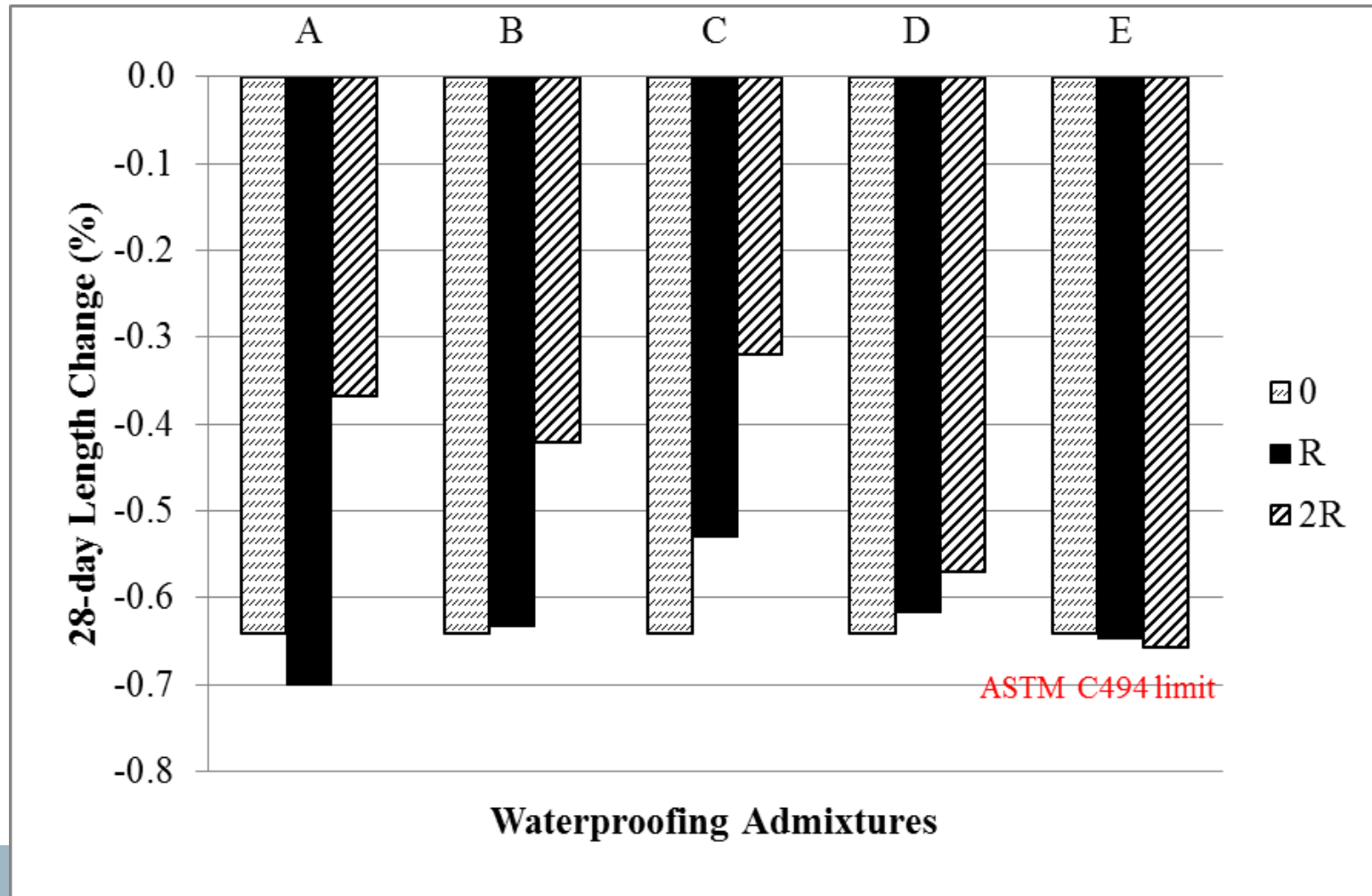
- Protocol for integral waterproofers





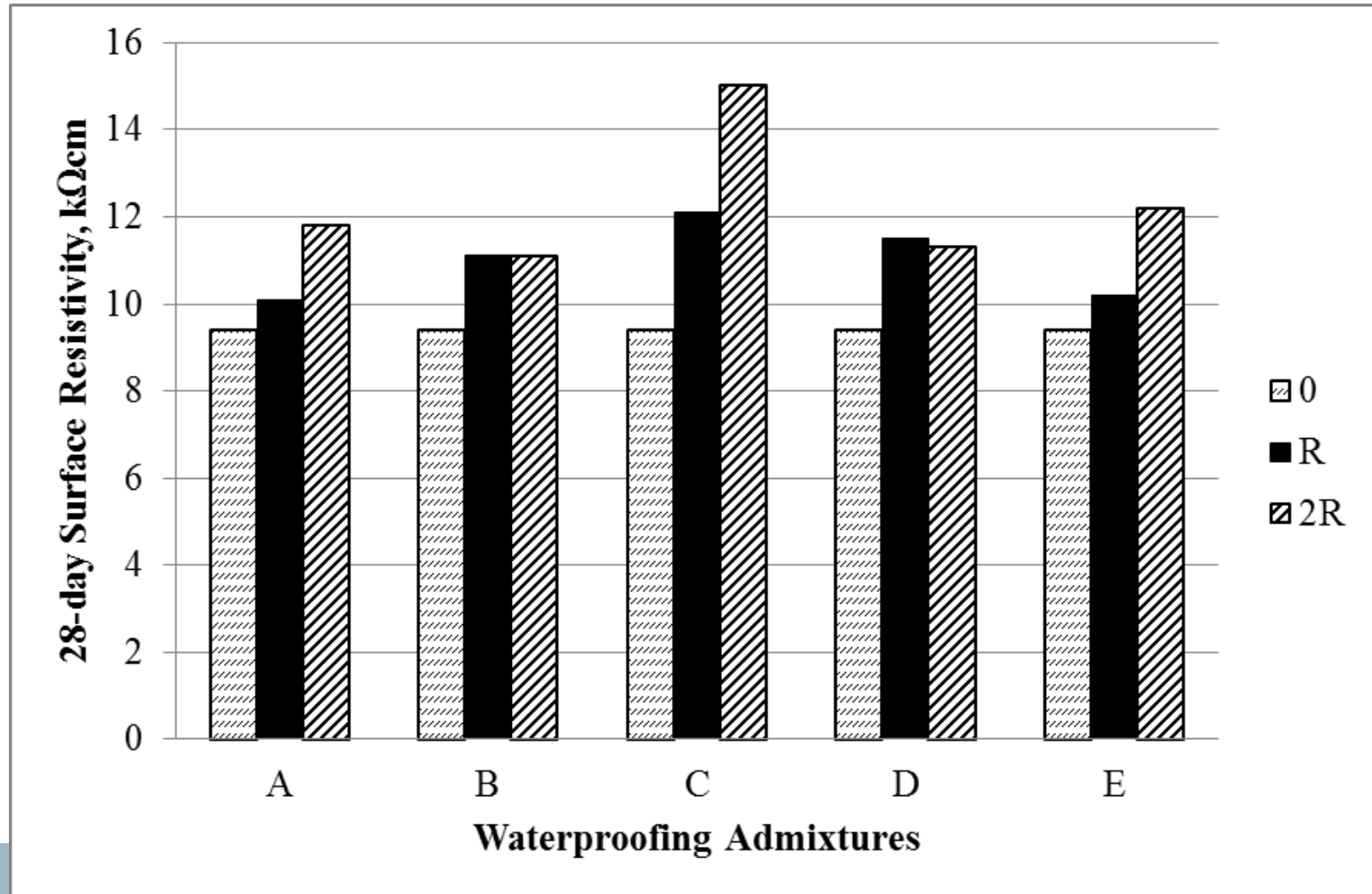
# Pooled Fund Tasks

- Protocol for integral waterproofers



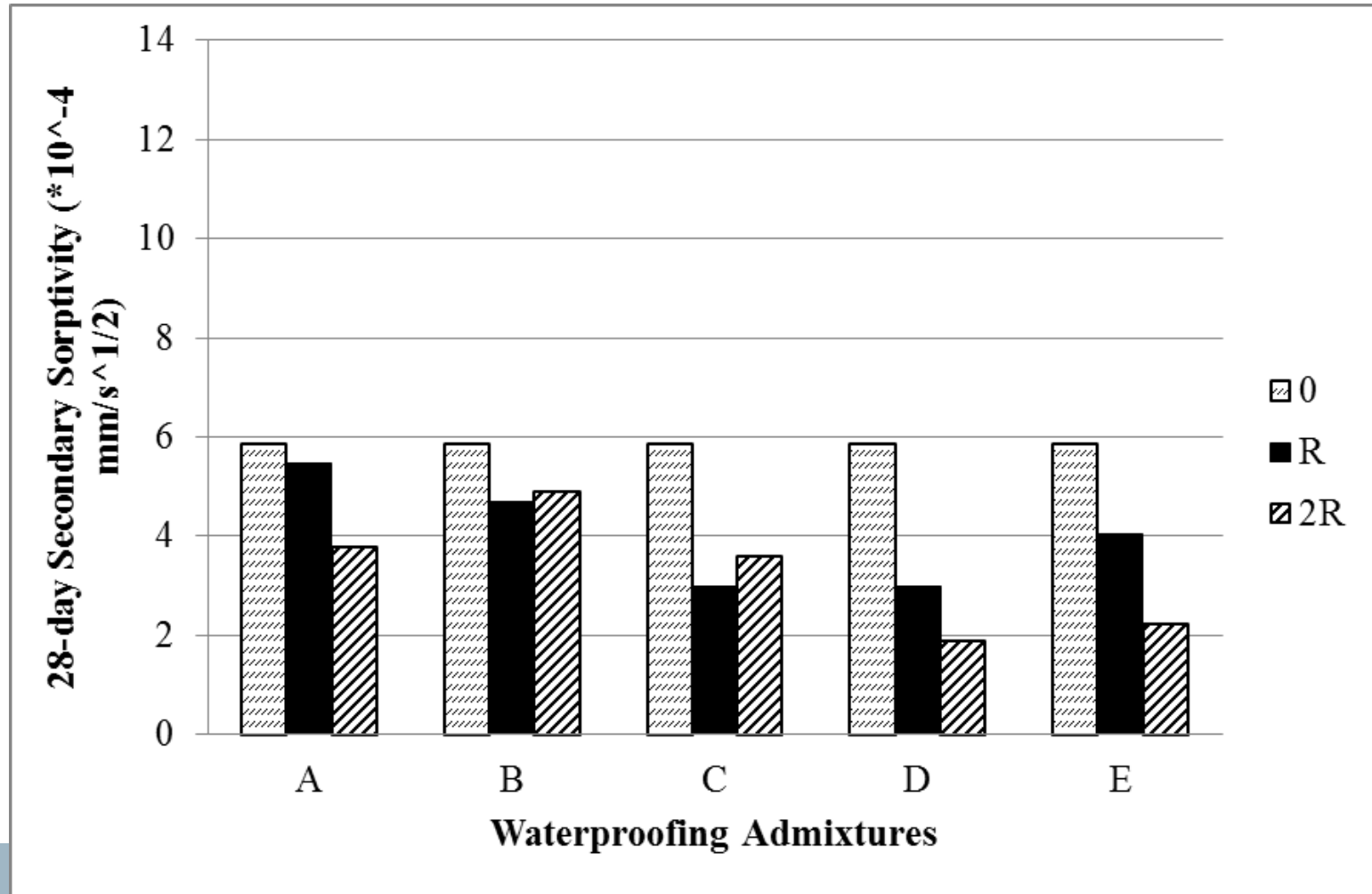
# Pooled Fund Tasks

- Protocol for integral waterproofers



# Pooled Fund Tasks

- Protocol for integral waterproofers



# Pooled Fund Tasks

- Protocol for integral waterproofers
  - Recommendations
    - Prepare mixtures with fixed proportions
    - Consider additional mixtures with adjusted proportions
    - Check “do no harm” based on ASTM C 494
    - Check for “benefit”

# Pooled Fund Tasks

- Models

- What air do we really need

- Ongoing (Ley)

- Mix proportioning

- Mixtures being run

- ISU: effects of binder type and paste content on fresh properties

- OSU: aggregate variables

# Pooled Fund Tasks

- Specifications
  - Guide specification
    - Second draft being wrapped up
    - Panel has been set up
- Tech Transfer
  - Report written for XRF
  - Papers written for XRF and proportioning
  - Drafts for waterproofers and spec

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