

### **2019 Annual NRLRC Luncheon Program**

February 11, 2019 - Nashville, Tennessee

# 2018's technical issues

Presented by

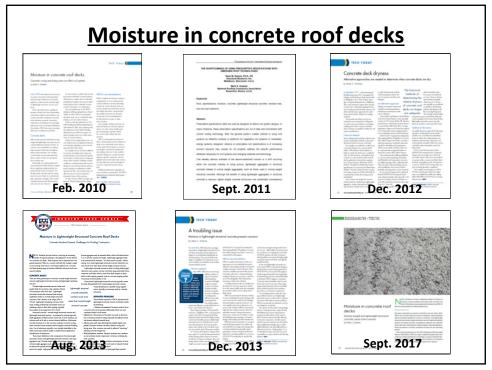


#### Mark S. Graham

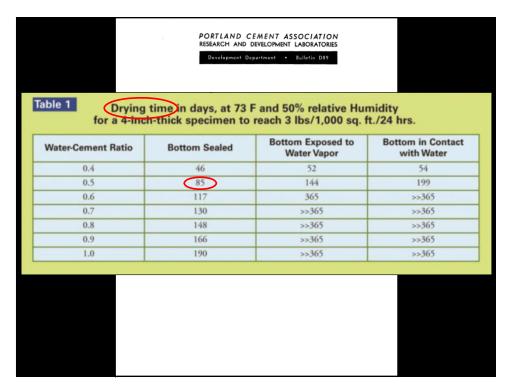
Vice President, Technical Services National Roofing Contractors Association

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# **Moisture in concrete roof decks**



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# Concrete Floors and Moisture (2008) Howard Kanare

A concrete slab will reach a 75% RH

- Normal weight structural concrete
  - Less than 90 days
- Lightweight structural concrete
  - Almost 6 months

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**Professional Roofing**December 2018

#### **Moisture vapor reduction admixtures (MVRAs)**

Some examples:

- Barrier One
- ISE Logik MVRA 9000
- SPG VaporLock

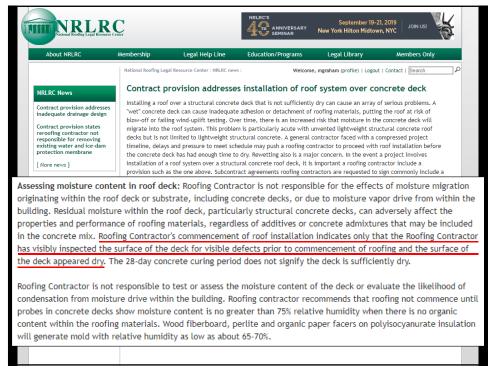
NRCA still has not seen an MVRA perform successfully in concrete <u>roof deck</u> applications

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The roofing industry needs to re-think the concept of concrete roof deck "acceptance"

Whose moisture is it in the concrete?

Why should we take responsibility (or incur liability) for someone else's moisture?



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# NRCA Technical Operations Committee: Technical programs and issues

Tuesday, February 12, 2019 – 9:30 to 11 a.m. Room 205 ABC

# Other issues...

• Fires

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# Other issues...

- Fires
- Roof collapse/roof drain blockage
- Polyiso. thickness/density/facers
- Low VOC and water-based adhesive
- Liquid-applied membrane/roof coatings
- Mod. bit. seams hot-air welded
- Manufacturers' installation instructions and applicator agreements

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What's in store for 2019...?



#### Mark S. Graham

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