

2017 RCMA Annual Meeting

Las Vegas, Nevada February 28, 2017

NRCA technical update

presented by

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Vice President, Technical Services National Roofing Contractors Association



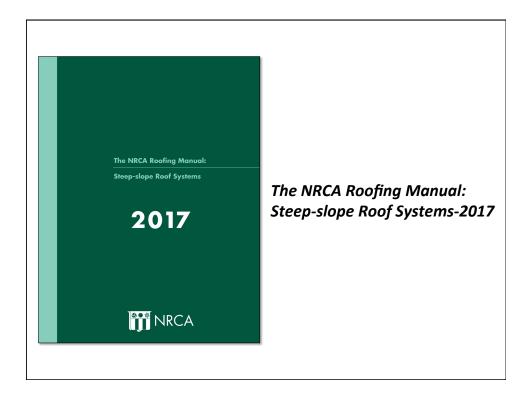
Topics

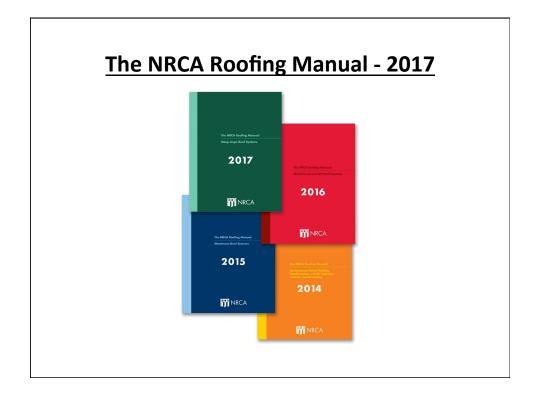
- Publications
- NRCA issues
- Questions

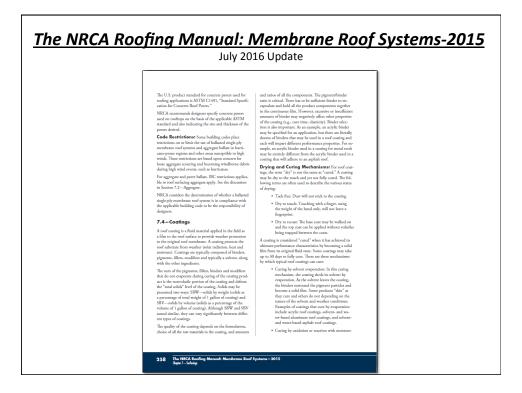
NRCA publications

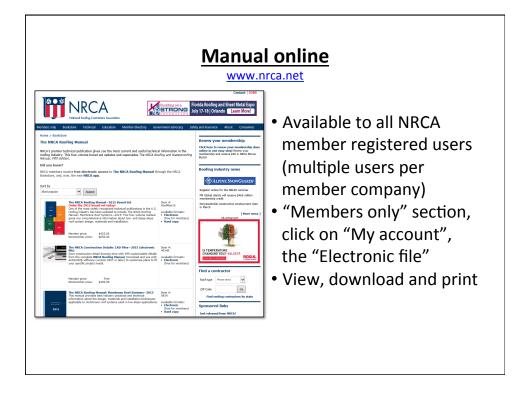


NRCA Guidelines for Roof Coatings







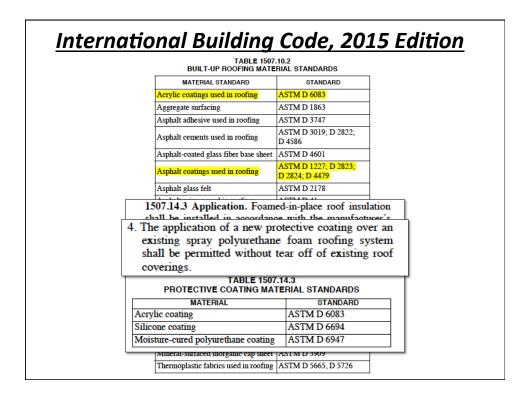


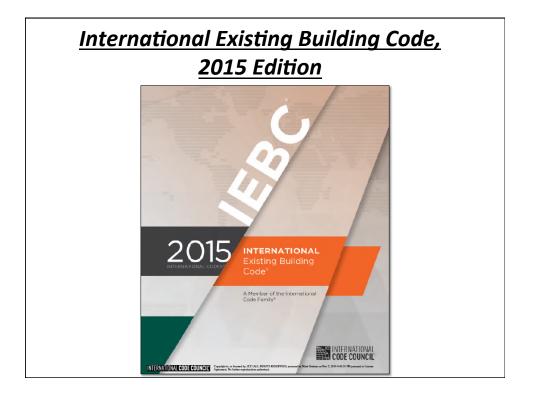
NRCA App



- NRCA App available on the Apple Store and Google Play Store for tablets
- iPhone App also available
- Register within App as being an NRCA member
- The NRCA Roofing Manual is viewable to NRCA members
- Favorite and send pages features

Others' publications...





Roof coating service life

How long will a roof coating continue to provide a fire classification?



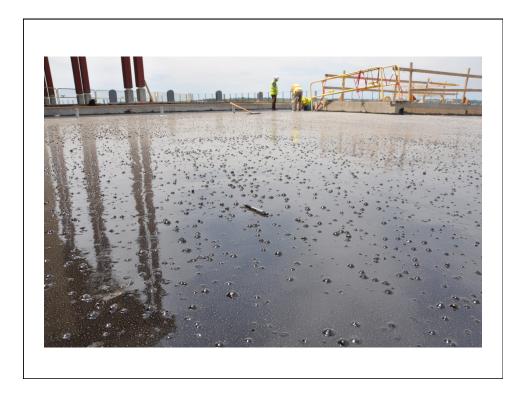
Roof coating-related ASTM standards

- ASTM D6847-Urethane (D08.06)
- ASTM D1227-Emulsion (D08.09)
- ASTM D4479-Asphalt (D08.05)
- ASTM D6694-Silicone (D08.06)
- ASTM D2824-Aluminum (D08.05)
- ASTM D3468-Neoprene/CSPE (D08.18)
- ASTM D6083-Acrylic (D08.18)

Give consideration to asking ASTM to establish a roof coatings subcommittee within Committee D08... and move these standards into that subcommittee.

<u>Issues</u>

Moisture in concrete roof decks

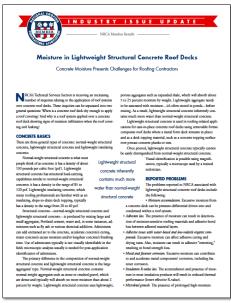




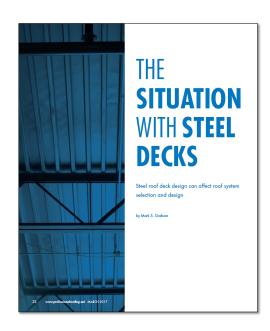








An interim report of NRCA's latest concrete/moisture research will be provided at the TOC: Programs and Issues educational session (TH10) on Thursday at 9:30 a.m.



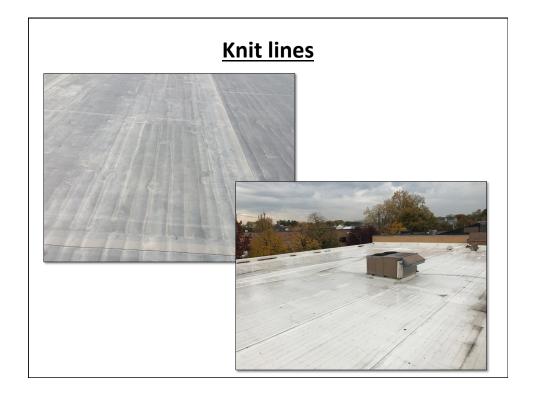
Professional RoofingMarch 2017
www.ProfessionalRoofing.net

Polyisocyanurate insulation

Knit line, thickness and dimensional stability concerns



Professional Roofing,February 2016
www.ProfessionalRoofing.net



Knit lines -- continued





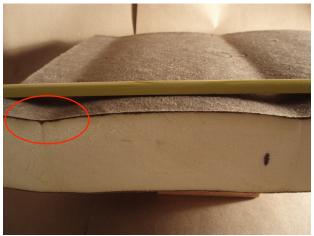
Photo from manufacturer's product literature

Thickness and knit lines



As delivered by manufacturer.

Knit lines -- continued



After conditioning: 158 ± 4 F and 97 ± 3% RH for 7 days

Knit lines -- continued



Knit line and V-groove close-up (after conditioning)

"NRCA recommends the use of a suitable cover board layer over polyisocyanurate insulation before the installation of roof membrane."

-The NRCA Roofing Manual: Membrane Roof Systems-2015

Additional interim recommendations

Polyiso. knit line, thickness and dimensional stability concerns

- Measure polyiso. thickness upon delivery
- Look for knit lines and board unevenness
- Contact manufacturer and NRCA if you see any issues

Questions... and other topics



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