

Luncheon Program February 26, 2014

Observations from the Field: Legal Do's and Don'ts

presented by

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We now know the rationale for FM Approval's classification changes in 2013

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SDI bulletin



for setter diet, under seinfolgift en typically based on the uniform speciation of the welf or discriction to the decide. The legal major by the setter off does used on commercial sublishing in Neith-Meneria is profited with 1 V/C film myll faces, with the setter and unique to usually spaced between 5° C/15.21 and off 4° C/20.20 in judice upill for ordison, the extractivent of the modifying membrane spice sets white speciation. Quality includes leading below that they can secret dire capacity of the decit, whereas those same boards are propriet curitiven jow the state of the decide would be exceptable.

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securing so the North American Specification for the Design of Cold-Formed Steet Structural Members. These design-values as those of the specified immunimental-read properties (a fast settle thickness and juid are except) specified for the set of intent cold city, and should be loser than the amought and properties of the settle design of the settle settle

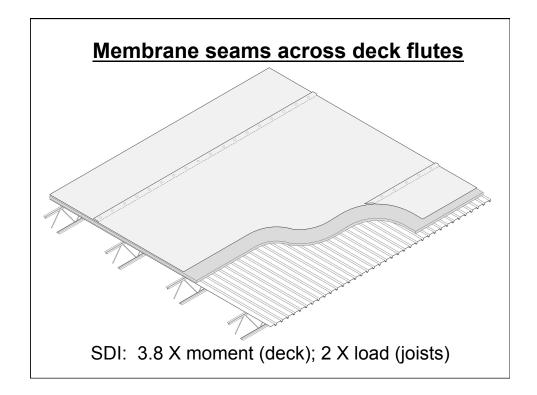
The scient stateming of was bounding international byte of LTLs; and use Confessional splatning of the international of screws holding the membrane on the deck, will have a very different effects on the deck and structural supports than a membrane that is athered over its entire surface. The screws will produce a line load along the deck internate of a uniform load of the entire deck surface. The line loads can be perpendicular or parallel to the deck fluttes depending on the orientation of the membrane each condition can have different implications of the loading that is applied to the deck.

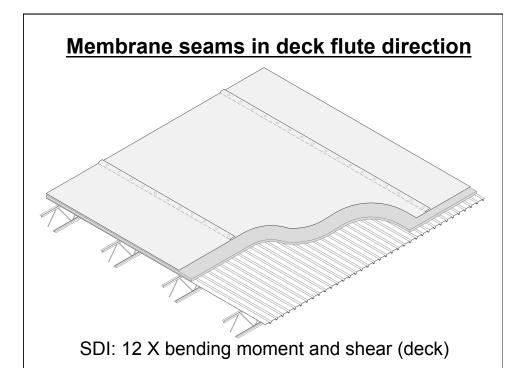
are two special conditions that need to be considered.

if the membrane seam occurs at the structural support (joists).

- Decks designed for joist spacing between
 5' and 6' 8" o.c.
- Deck designed for uniform loading
- Seam-fastened singleply membranes are a concern







SDI bulletin -- Conclusion

"...SDI does not recommend the use of roofing membranes attached to the steel deck using line patterns with large spacing unless a structural engineer has reviewed the adequacy of the steel deck and the structural supports to resist to wind uplift loads transmitted along the lines of attachment. Those lines of attachment shall only be perpendicular to the flutes of the deck."

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NRCA interim recommendations

- Beware of the situation
- NRCA is investigating further...

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Concerns with rooftop quality assurance observers (QAOs)

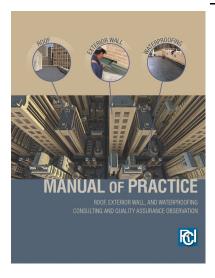
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A QAO is not a "field superintendent" and should never direct roofing work/operations

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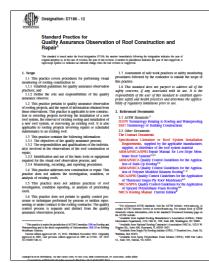
Manual of Practice:

- Sec. 1: Introduction
- Sec. 2: Recommended practices for consulting
- Sec. 3: Recommended practices for QAO
- Sec. 4: Specialized areas of practice
- Appendixes

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- Experience
- Role: observe and report
- Reporting procedures
- QAO shall maintain onsite contract documents
- QAO shall have insurance
- QAO shall provide and maintain PPE and fall protection equipment



"Tech today" column, February 2014



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NRCA's recommendations

- Confirm/clarify QAO's role and responsibilities
- Use "Tech today" column and/or ASTM D7186
- · Get QAO's daily reports
- Document any situation where a QAO directs your work/operations

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