

RCMA-Justification for ASTM Ponding Water Standards

Issue	Resistance to Ponding Water is a req. of all roofing membranes coating are needed that meet this but there is no consensus on how to prove it
Drivers/Perceptions Behind the Issue	<ul style="list-style-type: none">• Coatings are perceived as not being able to withstand ponding.• Reroofs and tear-off are predicated on this perception.• Many coatings do not resist ponding• Whys.. esp. in terms of what is normal ponding and what parameter in terms of film build and surface preparation are needed.• Coating are often used to cover up problems, then they get a bad wrap when they fail: establishment of an objective building science based test could promote the effective use of coatings under ponding conditions.• There needs to be a test method to provide independent data for the consumer.
Business Impacts for the Coatings Industry (If the Issue is Not Addressed)	Less tears offs, less waste, more coatings, better coatings The manufacturers of inferior coatings can be identified and culled out by a potential customer.
Goals of the ASTM Standard	<ul style="list-style-type: none">• Will provide a basis for specifying better materials and practices, and thereby advance roofing.• Work collaboratively with the RRCI on developing this ASTM Standard• Standard should be based around ASTM C8 W6
Outline of the Standard (Key Headings)	<ul style="list-style-type: none">• COATING TYPE• ENDURANCE TIME• SAMPLE PREP• SUBSTRATE TYPE• UV SUBJECTION DURING TEST• TEMP. CYCLEING• ACELLERATED TEST METHOD• OUT DOOR TESTING AZ. FL. WI.
Time-table	<ul style="list-style-type: none">• 3-5 years