Waterborne VS Solvent Based Structural Spray Coatings

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Waterborne Physical Properties

• Does the waterborne material change the physical properties of the track surface?
  • If so how?
• How does the viscosity compare?
• How does temperature change the viscosity of both products?
Differences

• Is there a difference in the strength between aliphatic/aromatic/waterborne structural sprays?

• Is one stronger i.e., longer lasting than others?

• Can the waterborne material be encapsulated at a later date with an aliphatic or aromatic product?

• Waterborne polyurethanes did not have the same coverage ability in the past, dust and a smaller sieve size of the spray rubber were utilized, is this still the case?
Moisture

• Would a waterborne product be as sensitive to moisture that may be lingering in a pervious mat as the aliphatic or aromatic would be?

• Humidity and/or rain is our friend right behind a spray, what will rain do to the waterborne immediately after an application?
On Site

• What is the proper way to clean equipment?
  • Aromatic
  • Waterborne

• Storage restrictions of waterborne versus aliphatic?

• Proper Safety Equipment needed for waterborne and aliphatic?
VOC Content

• We’re thinking of working in California, how does the VOC contents compare with each product?
• How to measure the VOC’s?
Thank you to our panelists!

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