

SUBCOMMITTEE ON MATERIALS

2016 Annual Meeting-Greenville, SC

Monday, August 1, 2016

1:45 pm – 4:00 pm EST

TECHNICAL SECTION 4c

COATINGS, PAINTS, PRESERVATIVES, BONDING AGENTS AND TRAFFIC MARKINGS

I. Call to Order and Opening Remarks

II. Roll Call

Voting Members:

Name	State	Present
Steve Ingram(Robert)	AL	
Phil Stolarski	CA	
Bob Lauzon (Vice Chair)	CT	
Rick Douds	GA	
Rick Kreider	KS	
Brandi Mitchell	KY	
Jason Davis	LA	
Clement Fung	MA	
Woody Hood	MD	
Matt Strizich	MT	
Denis Boisvert	NH	
Eileen Sheehy	NJ	
Tim Ramirez	PA	
Dave Kuniega, Chair	PA	
Danny Lane	TN	
Darren Hazlett	TX	
Scott Andrus	UT	
Bill Bailey	VA	
Kelly Morse	IL	

Non-Voting Members:

Name	Affiliation	Present
Evan Rothblatt	AASHTO	
Henry Lacinak	AASHTO	
Bob Lutz	AMRL	
Maria Knake	AMRL	
Steven Lenker	AMRL	

Friends:

Name	Affiliation	Present
Gene Carlson	3M Company	
Richard Baker	DBI Services	
Al Innis	Holcim Inc.	
Robert Dingess	Mercer	
Andy Anderson	Potters	
Paul Carlson	TTI	
Greg Freeman	Kwikbond	

III. Approval of Technical Section Minutes

SOM TS 4c - Coatings, Paints, Preservatives, Bonding Agents, and Traffic Markings Standards

<i>AASHTO Designation No.</i>	<i>Title</i>
M 133-12	Preservatives and Pressure Treatment Processes for Timber
M 143-14	Sodium Chloride
M 144-14	Calcium Chloride
M 224-91 (2014)	Use of Protective Sealers for Portland Cement Concrete
M 233-86 (2014)	Boiled Linseed Oil Mixture for Treatment of Portland Cement Concrete
M 235M/M 235-13	Epoxy Resin Adhesives
M 237-96 (2014)	Epoxy Resin Adhesives for Bonding Traffic Markers to Hardened Portland Cement and Asphalt Concrete
M 247-13	Glass Beads Used in Pavement Markings
M 248-91 (2012)	Ready-Mixed White and Yellow Traffic Paints
M 249-12	White and Yellow Reflective Thermoplastic Striping Material (Solid Form)
M 300-03 (2012)	Inorganic Zinc-Rich Primer
R 31-09 (2014)	Evaluation of Protective Coating Systems for Structural Steel
T 143-13	Sampling and Testing Calcium Chloride for Roads and Structural Applications
T 237-05 (2014)	Testing Epoxy Resin Adhesive
T 250-05 (2014)	Thermoplastic Traffic Line Material
T 333-07 (2012)	Linear Coefficient of Shrinkage on Cure of Adhesive Systems
T 337-09 (2014)	Non-Instrumental Determination of Metallic Zinc in Zinc-Rich Primers
T 338-09 (2014)	Analysis of Structural Steel Coatings for Hindered Amine Light Stabilizer (HALS)
T 339-10 (2015)	Analysis of Structural Steel Coatings for Isocyanate Content
T 346-13	Glass Beads Used in Pavement Markings
MP 24-14	Waterborne White and Yellow Traffic Paints
PP 73-13	Quality Assurance, Job Site Quality Control, and Reapplication of Protective Sealers for Portland Cement Concrete
PP 74-13	Determination of Size and Roundness of Glass Beads Used in Traffic Markings by Means of Computerized Optics
PP 79-14	High-Friction Surface Treatment for Asphalt and Concrete Pavements
TP 84-11 (2014)	Evaluation of Adhesive Anchors in Concrete Under Sustained Loading Conditions
TP 96-13	Protective Sealers for Portland Cement Concrete
TP 106-13	Determination of Heavy Metal Content of Glass Beads Using X-Ray Fluorescence (XRF)
TP 111-14	Measuring Retroreflectivity of Pavement Marking Materials Using a Mobile Retroreflectivity Unit

IV. Old Business

- A. SOM Ballot Items
- B. TS ballots

C. SOM_TS 4c

- i. Standards Requiring Reconfirmation
 - 1. **M 235M/M 235-13** Epoxy Resin Adhesives
 - 2. **M 247-13** Glass Beads Used in Pavement Markings
 - 3. **M 300-03 (2012)** Inorganic Zinc-Rich Primer
 - 4. **T 346-13** Glass Beads Used in Pavement Markings

D. Task Force Reports

- i. TF 11-C develop an unambiguous determination of transparent, clean, colorless as informed by NCHRP Report 743 (Rob Dingess, Gene Carlson, Tony Wade, Jim Swisher, Dave Kuniega PA and Jerry McMahan- VT) affecting M247 – 13
- ii. TF 11-D address wet weather performance and FAA color requirements CEI table requirements affecting M249-12 (Bob Lauzon CT, Rob Dingess, Paul Carlson)
- iii. TF 13 A elimination of benzene dissolution in M235-13
- iv. TF 14- 1 evaluate pavement marking friction tests and report back to TS on efficacy and recommended practice for friction measurement
- v. TF 15-A TP 106 – result of negative on P & B; Combined with TF 13E for development/use of NIST reference standards. (Andrus, CT and VT)
- vi. TF 15-B TP-84 Adequacy of test protocol when no failure at low load (Wild-VT and UT) –
- vii. TF 15-C Standard specification on green bike lanes (friction and color box) (TN, KY, Freeman, Baker, Stenko)

V. New Business

- A. Research Proposals
 - i. How Thermal Compatibility Affects Polymer –Aggregate Systems
- B. AASHTO Issues
- C. NCHRP Issues
- D. Correspondence, calls, meetings/ Presentation by Industry
- E. Proposed New Standards
- F. Proposed New Task Forces
- G. Standards Requiring Reconfirmation (2016)
- H. SOM Ballot Items (including any ASTM changes)
- I. Stewards for standards

VI. Open Discussion

VII. Adjourn