

411-R-635 WARRANTED MICRO-SURFACING

(Adopted 12-17-15)

The Standard Specifications are revised as follows:

SECTION 411, BEGIN LINE 60, DELETE AND INSERT AS FOLLOWS:

(i) results for the tests in the following:

| Characteristic | Test Method ISSA* | Requirement |
|--|-------------------------|--|
| Wet Cohesion 30 minutes, min. (set time) 60 minutes, min. (traffic) | TB-139** | 12 kg-cm 20 kg-cm |
| Wet Stripping, min. <i>Integrity SB</i> | TB-114 <i>TB-144</i> | > 90% <i>11 pts min.</i> |
| Wet Track Abrasion Loss 60 minutes soak, max. <i>6 day soak, max.</i> | TB-100 | 536 538 g/sq m <i>807 g/sq m</i> |
| Saturated Abrasion Compatibility, max. | TB-144 | 3g loss |
| Mix Time @ 77°F (25°C) | TB-113** | controllable to 120 s |
| Mix Time @ 104°F (40°C) | TB-113** | controllable to 35 s |
| <i>Excess Binder</i> | <i>TB-109</i> | <i>538 g/sq m</i> |
| <i>Deformation, max.</i> | <i>TB-147</i> | <i>5%</i> |
| * International Slurry Surfacing Association ** The TB-139 (set time) and TB-113 (mix time) tests shall be checked at the highest temperature expected during construction. For the TB-113 test at 104°F (40°C), all ingredients and containers shall be preheated. | | |

SECTION 411, BEGIN LINE 86, INSERT AS FOLLOWS:

411.06 Preparation of Surfaces

The Contractor shall be responsible for all surface preparation necessary to meet the performance requirements for warranted micro-surfacing. All castings and detector housings shall be protected prior to the application of material in accordance with 404.07, except that raised pavement markers shall be removed.

Any existing durable pavement markings shall be removed in accordance with 808.10 prior to placement of warranted micro-surfacing.

Cracks in the pavement in excess of 1/4 in. shall be filled in accordance with 408 prior to placement of warranted micro-surfacing.

The pavement surface shall have tack coat applied in accordance with 406 prior to placement of warranted micro-surfacing.