Sample Project Special Provision: 705pjf

Date: 10/12/2017

REVISION OF SECTION 705
PREFORMED JOINT FILLERS

Section 705 of the Standard Specifications is hereby revised for this project as follows:

Subsection 705.01 (b) shall include the following:

As an alternative to the above, a semi-rigid, non-extruding, resilient type, closed-cell polypropylene foam, preformed joint filler may be used. This alternative joint filler shall conform to the following:

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| **Physical Property** | **Requirement** | **Test Method** |
| Water Absorption(Volume %) | <1.0% | AASHTO T 42/ ASTM D545 |
| Compression Strength (to 50%) | 35-50 psi | AASHTO T 42/ ASTM D545 |
| Compression Recovery(from 50%)  | >80% | AASHTO T 42/ ASTM D545 |
| Extrusion(at 50%) | <0.1 in. | AASHTO T 42/ ASTM D545 |
| Density | >3.5 lbs./cu.ft. | AASHTO T 42/ ASTM D545 |
| Heat Resistance @ 392˚F± 5˚F (% shrinkage) | <1% | ASTM D5249 |
| UV Weathering(1000 hrs., Cycle A- 340 nm) | No observable change or cracking | ASTM D4329 |
| Freeze Thaw Resistance(300 cycles) | No visual change,<10% tensile strength change | ASTM C666 |