

RE: Review of Fabick MP-55/FJS Joint Sealant

PRODUCT

Fabick MP-55/FJS Joint Sealant is manufactured and distributed by Fabick Incorporated located in Madison, Wisconsin, USA.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Fabick MP-55/FJS Joint Sealant product improves the installation process for traffic sensors. Fabick MP-55/FJS Joint Sealant is currently used to install piezoelectric axle sensors and it may also be useful for installing weigh in motion frames and inductance loops. Product Web link:

<http://www.fabick.com/joint-seal.html>

DESCRIPTION

Fabick MP-55/FJS Joint Sealant is a two component 100% solid polyurea based joint sealant. This material is self leveling joint sealant designed to protect interior horizontal concrete expansion and control joints from spralling, chipping and breakdown. This polyurea elastomer displays excellent chemical resistance, water insensitivity and thermal stability at high and low temperatures.

POTENTIAL USAGE

Fabick MP-55/FJS Joint Sealant was designed to protect against the abuse to concrete joints caused by heavy loads. This product has been used in over 100,000 sensor installations world wide. FJS has been used in Wisconsin DOT since 2001 and it has also been used in the Ontario and Alberta department of Transportation ministries.

STANDARDS

ASTM D412, D2240, D2196 and D624

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has experience with several Crack Sealants, mostly (Hot Pour Rubberized) products.

APPLICABLE STANDARDS

Alberta Transportation requirement for duct sealant is that the product shall be non-thermoplastic compound used for electrical applications.

RECOMMENDATIONS:

Fabick MP-55/FJS Joint Sealant be listed as a Trial Product on the Alberta Transportation Products List under Cable Ducts – sealant – Proprietary. Final acceptance as a Proven Product will be based on field performance.

TRIAL PROJECTS

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Jim Gavin
Jim Poole/Beata Bielkiewicz