

# **QPL 40 PAVEMENT SEALERS AND TREATMENTS**

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## **SECTION A: STANDARD FOG SEALS**

### **PROCEDURES**

#### **GENERAL**

This evaluation procedure outlines the Department's approval process for the use of pavement preservation standard fog sealers

#### **SPECIFICATIONS**

TDOT 402.03  
TDOT 403  
TDOT 904.03

#### **PROCEDURES**

Standard fog seals shall be emulsified bituminous or similar material capable of being placed with a standard asphalt distributor as described in TDOT standard specifications 402.03, paragraph 3.

Products meeting the above requirements will be presented to the Department's Pavement Sealers Committee which will make a recommendation as to whether the product will be added to the Qualified Products List.

A completed Product Evaluation Form, MSDS sheets, if applicable, product data information, a sample of the product being tested and manufacturer's specifications must be submitted to the Division of Materials and Tests.

## **SECTION A: STANDARD FOG SEALS**

### **PROCEDURES**

#### **GENERAL**

This evaluation procedure outlines the Department's approval process for the use of pavement preservation standard fog sealers

#### **SPECIFICATIONS**

TDOT 402.03  
TDOT 403  
TDOT 904.03

#### **PROCEDURES**

Standard fog seals shall be emulsified bituminous or similar material capable of being placed with a standard asphalt distributor as described in TDOT standard specifications 402.03, paragraph 3.

Products meeting the above requirements will be presented to the Department's Pavement Sealers Committee which will make a recommendation as to whether the product will be added to the Qualified Products List.

A completed Product Evaluation Form, MSDS sheets, if applicable, product data information, a sample of the product being tested and manufacturer's specifications must be submitted to the Division of Materials and Tests.

## **SECTION B: HIGH PERFORMANCE FOG SEALS**

### **PROCEDURES**

#### **GENERAL**

This evaluation procedure outlines the Department's approval process for the use of pavement preservation high performance fog seals (polymer or rubber modified)

#### **SPECIFICATIONS**

TDOT 402.03

#### **PROCEDURES**

High performance fog seals shall be hot-applied or emulsified bituminous or similar material capable of being placed with a standard asphalt distributor as described in TDOT standard specifications 402.03, paragraph 3. High performance fog seals shall seal and preserve pavements in a manner which is superior to standard fog sealing materials.

Products meeting the above requirements will be presented to the Department's Pavement Sealers Committee which will make a recommendation as to whether the product will be added to the Qualified Products List.

A completed Product Evaluation Form, MSDS sheets, if applicable, product data information, a sample of the product being tested and manufacturer's specifications must be submitted to the Division of Materials and Tests.

## **SECTION C: REJUVENATING SEALERS**

### **PROCEDURES**

#### **GENERAL**

This evaluation procedure outlines the Department's approval process for the use of pavement preservation rejuvenating sealers

#### **SPECIFICATIONS**

TDOT 402.03

#### **PROCEDURES**

Rejuvenating seals shall be a combination of bituminous or similar material and a rejuvenating material capable of being placed with a standard asphalt distributor as described in TDOT standard specifications 402.03, paragraph 3. Rejuvenating seals shall be capable of partially restoring the existing pavement while concurrently sealing and preserving the pavement's integrity.

Products meeting the above requirements will be presented to the Department's Pavement Sealers Committee which will make a recommendation as to whether the product will be added to the Qualified Products List.

A completed Product Evaluation Form, MSDS sheets, if applicable, product data information, a sample of the product being tested and manufacturer's specifications must be submitted to the Division of Materials and Tests.

## **SECTION D: PAVEMENT REJUVENATORS**

### **PROCEDURES**

#### **GENERAL**

This evaluation procedure outlines the Department's approval process for the use of pavement preservation pavement rejuvenators.

#### **SPECIFICATIONS**

TDOT 402.03

#### **PROCEDURES**

Pavement rejuvenators shall be composed of a rejuvenating material capable of being placed with a standard asphalt distributor as described in TDOT standard specifications 402.03, paragraph 3. Pavement rejuvenators shall be capable of partially restoring the existing pavement's integrity.

Products meeting the above requirements will be presented to the Department's Pavement Sealers Committee which will make a recommendation as to whether the product will be added to the Qualified Products List.

A completed Product Evaluation Form, MSDS sheets, if applicable, product data information, a sample of the product being tested and manufacturer's specifications must be submitted to the Division of Materials and Tests.

## **SECTION E: BITUMINOUS PAVEMENT TREATMENTS**

### **PROCEDURES**

#### **GENERAL**

This evaluation procedure outlines the Department's approval process for the use of pavement preservation bituminous pavement treatments sealers (polymer or rubber modified)

#### **SPECIFICATIONS**

TDOT 402.03  
TDOT 403  
TDOT 904.03

#### **PROCEDURES**

Bituminous pavement treatments shall be composed of various materials including, but not required or limited to: rejuvenating materials, bituminous or similar materials, aggregates, fibers, or other materials contributing to the promotion or preservation of the integrity of the pavement surface being treated. Bituminous pavement treatments may be placed with standard highway paving equipment and bituminous distributors or specialty equipment defined by the treatment's manufacturer/supplier. Bituminous pavement treatments shall be capable of restoring the existing pavement's integrity in a manner which is superior to all treatments described and listed under QPL 40, Pavement Sealers and Treatments.

Products meeting the above requirements will be presented to the Department's Pavement Sealers Committee which will make a recommendation as to whether the product will be added to the Qualified Products List.

A completed Product Evaluation Form, MSDS sheets, if applicable, product data information, a sample of the product being tested and manufacturer's specifications must be submitted to the Division of Materials and Tests.

## **SECTION F: TRACKLESS TACK COATS**

### **PROCEDURES**

#### **GENERAL**

This evaluation procedure outlines the Department's approval process for bituminous material, either emulsified or hot-applied, used as a "trackless" tack coat for bituminous paving in the state of Tennessee.

#### **SPECIFICATIONS**

Section 403, Section 904

#### **PROCEDURE**

The following procedure will be used to approve Trackless Tack material used as a tack coat for bituminous paving in the state of Tennessee.

