

S-18 ROUTING AND SEALING

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18.01. SCOPE OF WORK

The specification covers the requirements for hot poured rubberized asphalt joint sealing compounds for sealing joints in concrete or asphaltic concrete with a small amount of movement and for the sealing and resealing of joints and cracks up to 25mm in width in concrete pavement and concrete base.

18.02. REFERENCES

This specification refers to the following standards, specifications, or publications:

- OPSS 341
- OPSS 369
- OPSS 1212
- OPSD 508.010
- OPSD 508.020

18.03. MATERIALS – SEALING

The material shall fully conform to the requirements of OPSS 1212 “Material Specification for Hot Poured Rubberized Asphalt Joint Sealing Compound”.

Joint sealing shall not be carried out when the air temperature in the shade is below 10° C or in wet and foggy weather.

The contractor shall supply ALL materials.

18.04. EQUIPMENT – ROUTING

The equipment for routing in hot mix asphalt pavements shall be as per OPSS 341 and in concrete pavements and concrete bases shall be as per OPSS 369.

18.05. EQUIPMENT – SEALING

The equipment for sealing in hot mix asphalt pavements shall be as per OPSS 341 and in concrete pavements and concrete bases shall be as per OPSS 369.

The sealing material must be heated to the manufacturer’s specifications and any over-heated material will be rejected.

18.06. METHOD – ROUTING

The method for routing and cleaning shall be as per OPSS 341 and OPSD 508.010 for hot mix asphalt pavements. The method for saw cutting and cleaning shall be as per OPSS 369 and OPSD 508.020 for concrete pavements and bases.

18.07. METHOD – SEALING

The method for sealing shall be as per OPSS 341 and OPSD 508.010 for hot mix asphalt pavements. The method for sealing shall be as per OPSS 369 and OPSD 508.020 for concrete pavements and bases.

18.08. QUALITY ASSURANCE

All sampling and testing shall be in accordance with OPSS 341 for hot mix asphalt pavements.

All deficiencies and repairs shall be in accordance with OPSS 341 for hot mix asphalt pavements.

All sampling and testing shall be in accordance with OPSS 369 for concrete pavements and concrete road bases.

18.09. MEASUREMENT FOR PAYMENT

All measurements shall be in accordance with OPSS 341 for hot mix asphalt pavements.

All measurements shall be in accordance with OPSS 369 for concrete pavements and concrete road bases.

The measurements are to be taken and agreed upon daily by the City Engineer or the City Engineer's representative.

18.10. BASIS OF PAYMENT

All payments shall be in accordance with OPSS 341 for hot mix asphalt pavements.

All payments shall be in accordance with OPSS 369 for concrete pavements and concrete road bases.