



**MATERIAL SPECIFICATION FOR
JOINT FILLER IN CONCRETE**

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1308.01 SCOPE

This specification covers preformed expansion joint fillers for joints in concrete.

1308.01.01 Specification Significance and Use

This specification is written as a municipal-oriented specification. Municipal-oriented specifications are developed to reflect the administration, testing, and payment policies, procedures, and practices of many municipalities in Ontario.

Use of this specification or any other specification shall be according to the Contract Documents.

1308.01.02 Appendices Significance and Use

Appendices are not for use in provincial contracts as they are developed for municipal use, and then, only when invoked by the Owner.

Appendices are developed for the Owner's use only.

Inclusion of an appendix as part of the Contract Documents is solely at the discretion of the Owner. Appendices are not a mandatory part of this specification and only become part of the Contract Documents as the Owner invokes them.

Invoking a particular appendix does not obligate an Owner to use all available appendices. Only invoked appendices form part of the Contract Documents.

The decision to use any appendix is determined by an Owner after considering their contract requirements and their administrative, payment, and testing procedures, policies, and practices. Depending on these considerations, an Owner may not wish to invoke some or any of the available appendices.

1308.02 REFERENCES

When the Contract Documents indicate that municipal-oriented specifications are to be used and there is a municipal-oriented specification of the same number as those listed below, references within this specification to an OPSS shall be deemed to mean OPSS.MUNI, unless use of a provincial-oriented specification is specified in the Contract Documents. When there is not a corresponding municipal-oriented specification, the references below shall be considered to be the OPSS listed, unless use of a provincial-oriented specification is specified in the Contract Documents.

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

ASTM International

- | | |
|-----------|---|
| D 1751-18 | Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types) |
| D 1752-18 | Standard Specification for Preformed Sponge Rubber, Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction |

1308.05 MATERIALS

1308.05.01 Joint Filler

The joint filler shall be according to ASTM D 1751 for Type A or ASTM D 1752 for Type B.

The type of material supplied shall be as specified in the Contract Documents.

1308.07 PRODUCTION

1308.07.01 Cutting and Tolerance

The joint filler shall be cut neatly, free from burrs to the sizes specified in the Contract Documents.

Holes for dowel bars in the joint filler shall be neatly punched in the exact position specified and shall be free from loose fibres.

Pieces of the joint filler shall be according to the dimensions in the Contract Documents with the following tolerances:

Thickness	0 to 1.5 mm
Depth	± 3 mm
Length	± 3 mm

1308.07.02 Packaging and Marking

Each shipment of joint filler shall be provided with an itemized statement of the number and dimensions of the pieces. The brand name and the thickness of the material shall be clearly stamped on the pieces or on a label attached securely to each bundle.

Each piece of self-expanding cork filler shall be individually wrapped in waterproof material and shall be sealed in a manner that will prevent the entrance of moisture.

The material shall be suitably packaged to permit shipping, handling, and storage without damage.

1308.08 QUALITY ASSURANCE

1308.08.01 Sampling and Testing

Samples of the material for quality assurance testing shall be available to the Owner from deliveries to the site for testing according to ASTM D 1751 and D 1752.

1308.09 OWNER PURCHASE OF MATERIAL

1308.09.01 Measurement and Payment

Payment at the price specified in the purchasing order, by either linear metres for strips, or by a count for other shapes, shall be full compensation for all labour, Equipment, and Material required for the supply and delivery of the joint filler to the destination and at the time specified.

The cost of the samples for testing and the cost of all testing except that performed by the Owner shall be included in the price.

**Appendix 1308-A, November 2019
FOR USE WHILE DESIGNING MUNICIPAL CONTRACTS**

Note: This is a non-mandatory Commentary Appendix intended to provide information to a designer, during the design stage of a contract, on the use of the OPS specification in a municipal contract. This appendix does not form part of the standard specification. Actions and considerations discussed in this appendix are for information purposes only and do not supersede an Owner's design decisions and methodology.

Designer Action/Considerations

The designer should specify the following in the Contract Documents:

- Type and size of material to be supplied. (1308.05.01)

The designer should ensure that the General Conditions of Contract and the 100 Series General Specifications are included in the Contract Documents.

Related Ontario Provincial Standard Drawings

OPSD 4670.000 Construction and Expansion Joint In Concrete