Administration and Inspection Activities for Protection Board

(As Specified in OPSS 1215)

1215.01 SCOPE

This CAIS covers the construction administration and inspection requirements for protection board for use with hot-applied rubberized asphalt bridge deck waterproofing membranes as specified in OPSS 1215, July 2023.

1215.02 REFERENCES

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

MTO Laboratory Testing Manual:

LS-282	Method of Test for Quantitative Extraction of Asphalt Cement and Analysis of Extracted Aggregate
LS-355	Water Absorption of Protection Board
LS-356	Indentation/Puncture Test
LS-357	Compatibility
LS-358	Weather Simulation and Bond of Protection Board
LS-359	Thickness of Protection Board

Ontario Provincial Standard Specifications, Material:

OPSS 1215	Protection Board

Construction Administration and Inspection Specifications (CAIS):

CAIS 914	Waterproofing Bridge Decks and Culverts with Hot-Applied Rubberized Asphalt Waterproofing Membrane

Ministry of Transportation Publications:

MTO Field Guide, for the Acceptance of Hot Mix Asphalt and Hot-Applied Rubberized Asphalt Waterproofing Membrane

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1215.07 PRODUCTION

1215.07.01 General

Inspection Activities:

1	-	Check that the protection boards are coated on each side with a separation material, i.e. sand.	25%

1215.07.02 Dimensions

Inspection Activities:

1	-	Check that the protection boards meet the dimensions specified in OPSS 1215.	25%

1215.07.03 Storage

Inspection Activities:

1	-	Check that the protection boards are stored within the manufacturer's recommended temperature range, and in conditions that prevent water penetration and exposure to the elements.	25%

1215.07.04 Markings and Packaging

Inspection Activities:

1	M	Check that the protection board label on all skids includes: • Product name. • Name of manufacturer. • Date of manufacture.	25%
2	M	Check that the protection board has been not damaged during shipping, handling, and storage.	25%

Administrative Activities:

1	M	Check that the manufacturer and the product of all delivered protection board are on the Designated Sources for Materials (DSM) - DSM 9.90.60.	-

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1215.08 QUALITY ASSURANCE

Administrative Activities:

1		Acceptance of protection board thickness shall be as specified in OPSS 914.	-
2		When tested, Check that protection boards meet the specified test requirements of OPSS 1215 for the following list of properties: • Thickness • Water Absorption • Indentation/puncture • Compatibility • Weather Simulation and Bond • Asphalt Content All tests are carried out for DSM acceptance purposes. For contract acceptance all tests may be carried out, at the discretion of the Owner.	

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