

Electrical
Traffic Signal Actuation Equipment/Materials
Detector, Loop, Sealant

List # 6.80.20
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 Date: 01-Jun-2021

CUSTODIAL OFFICE : Electrical Engineering Office - (416) 235-5623

Restrictions On Use Notes:

- A - Cold pressure pumped for use at temperatures greater than 20 degrees Celsius, except as indicated under "Qualified Use".
 B - Cold pressure pumped two component polyurethane for use at temperatures greater than 20 degrees Celsius, except as indicated under "Qualified Use".
 C - Two part (powder and liquid) that is mixed then poured into saw cut. For use at temperatures greater than 0 degrees Celsius.
 D - Sealant shall not be used when loops are to be installed in binder course prior to placement of the top course of pavement over the loops.
 E - Hot poured sealant is permitted for use only when the ambient temperature is 0 degrees Celsius or less and therefore below the minimum ambient temperature specified for the use of "cold" sealants.

Company	Product Name	Model	Restrictions On Use	Qualified Use
3M Canada - Transportation Safety Division 300 Tartan Drive London ON N5V 4M9 Canada Tel: 519-451-2500 Toll Free: 800-265-1840 Web: https://www.3M.ca/roadsafety	Detector Loop Sealant 5000	DLS 5000	A	Cold pressure pumped for use at ambient temperatures greater than 20 degrees Celsius.
Master Builders Solutions Admixtures US, LLC 23700 Chagrin Blvd. Beachwood OH 44122 United States Ontario Source: Jamac Sales 141 Don Park Rd., Markham ON L3R 1C2 Canada Tel: 905-947-9824 Fax: 905-947-9397 Toll Free: 800-387-7195 Email: info@jamacsales.com Web: www.jamacsales.com Ontario Source: National Concrete Accessories 172 Bethridge Road Toronto ON M9W 1N3 Canada Tel: 416-245-4720 Fax: 416-242-2727 Web: www.nca.ca/nca/products/default.asp	MasterSeal SL 180 (Formerly Gold Label All Season Loop Sealant)	Master Seal SL 180	C	Two part (powder and liquid) that is mixed then poured into saw cut. Can be use for cold-weather application, down to -29 degrees Celsius.
McAsphalt Industries Ltd. 8800 Sheppard Avenue East Toronto ON M1B 5R4 Tel: 416-281-8181 Fax: 416-281-8842 Toll Free: 800-268-4238 Email: info@mcasphalt.com Web: www.mcasphalt.com	Beram 190	Beram 190	D, E	Single component hot poured sealing compound for use at ambient temperatures greater than -18 degrees Celsius and less than or equal to 0 degrees Celsius.

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Company	Product Name	Model	Restrictions On Use	Qualified Use
Royal Adhesives & Sealants Canada Ltd 266 Humberline Dr Rexdale ON M9W 5X1 Canada Tel: 416-679-5676 Fax: 416-679-0511 Toll Free: 800-268-6111 Email: sales@chemque.com Web: www.chemque.com	Q-Seal 290S	290S Summer Grade	A, D	Summer Grade cold pressure pumped single component polyurethane sealant for use at ambient temperatures greater than 20 degrees Celsius.
	Q-Seal 290W	290W Winter Grade	A, D	Winter Grade cold pressure pumped single component polyurethane sealant for use at ambient temperatures greater than 0 degrees Celsius.
	Q-Seal 295M	295M Winter Grade	B	Winter Grade two component polyurethane sealant for use at ambient temperatures greater than 0 degrees Celsius.
	Q-Seal 295S	295S Summer Grade	B	Summer Grade two component polyurethane sealant for use at ambient temperatures greater than 20 degrees Celsius.