



**Public Works
Travaux publics**

APPROVED PRODUCTS FOR SURFACE WORKS

February 21, 2025

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1. Bonding Agents/Dowel Adhesive

1.1 General

Dowel adhesives approved for use shall be in accordance with Clause 2.7.7 of Specification CW 3310.

1.2 Referenced Standard Construction Specifications

CW 3230 – Full-Depth Patching of Existing Slabs and Joints

CW 3240 – Renewal of Existing Curbs

CW 3310 – Portland Cement Concrete Pavement Works

1.3 Referenced Standard Details

SD-213B – Full-Depth Patches Details of Moving and Tied Joints.

1.4 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>Dowel Adhesive</u>			
Dural Fast Set Gel	Euclid Canada Inc. Brock White Specialty Construction Products	1 (416) 747-7101 1 (877) 438-3826 1 (204) 661-6738	b.corradetti@euclidcanada.com rtrithart@brockwhite.com jsolomon@speconst.mb.ca
Sikadur 31 Hi-Mod	Sika Canada Inc. Brock White	1 (780) 231-7888 1 (204) 782-8965	primiani.pasquale@ca.sika.com dgiesbrecht@brockwhite.com
Sika Anchorfix 3001			
Hilti HIT-RE 100	Hilti Canada	1 (972) 404-3722	michael.hoffmann@hilti.com
Hilti HIT-RE 10			
Rezi-Weld Gel Paste State	W.R. Meadows	1 (780) 400-1772	LVerhelst@wrmeadows.com
Flo-Rok FR6-SD	UCAN Fastening Products	1 (416) 631-9400 Ext. 252	balwant@ucanfast.com

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2. Hot-Poured Joint Sealer

2.1 General

Hot-Poured Joint Sealers approved for use shall be in accordance with Clause 2.7.1 of Specification CW 3310.

2.2 Referenced Standard Construction Specifications

CW 3250 – Joint and Crack Maintenance

CW 3310 – Portland Cement Concrete Pavement Works

CW 3620 – Installation of Underground Traffic Signal Services

2.3 Referenced Standard Details

SD-212 – Sawn Joint, Keyed Joint and Butt Joint for Reinforced and Plain-Dowelled Pavements

ST-62 – Saw Cut Specifications for Traffic Signals Vehicle Detector Loops in Concrete

ST-144 – Deep Saw Cut Specifications for Traffic Signals Vehicle Detector Loops in Asphalt or Asphalt Overlay

2.4 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
Crafco 522 (Roadsaver 522)	Crafco Inc. Road Products Manitoba Inc.	1 (602) 276 0406	Mike.sucee@crafco.com
Crafco 34244 (Asphalt Rubber Plus Type 2)		1 (204) 338 9449	Rpm.sales@mymts.net
MACSEAL 6690-4	McAsphalt Industries Limited	1 (905) 436-2946 1 (204) 233-1425	cschonberg@mcasphalt.com mwiese@mcasphalt.com

3. Backer Rod

3.1 General

Backer rod approved for use shall be in accordance with Clause 2.7.10 of Specification CW 3310

3.2 Referenced Standard Construction Specifications

CW 3310 – Portland Cement Concrete Pavement Works

CW 3250 – Joint and Crack Maintenance

3.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
Cera-Rod	W.R. Meadows	1 (780) 400-1772	LVerhelst@wrmeadows.com
HBR XL	Nomaco, Inc.	1 (252) 969-2970	lweimer@nomaco.com

4. Curing Compounds

4.1 General

Curing compounds approved for use shall be in accordance with Clause 2.7.5 of Specification CW 3310.

4.2 Referenced Standard Construction Specifications

CW 3310 – Portland Cement Concrete Pavement Works

CW 3325 – Portland Cement Concrete Sidewalk

CW 3230 – Full-Depth Patching of Existing Slabs and Joints

CW 3240 – Renewal of Existing Curbs

4.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>White Pigmented (Type 2)</u>			
1215-White	W.R. Meadows	1 (780) 400-1772	LVerhelst@wrmeadows.com
3001 W/B Rescue - White	Innovative Manufacturing Specialty Construction Products	1 (204) 661-6738	isolomon@speconst.mb.ca
<u>Clear with Fugitive Dye (Type 1D)</u>			
Kurez DR 100	Euclid Canada Inc. Brock White Specialty Construction Products	1 (416) 747-7101	b.corradetti@euclidcanada.com
		1 (877) 438-3826	rtrithart@brockwhite.com
		1 (204) 661-6738	isolomon@speconst.mb.ca
3001 W/B Rescue - Green	Innovative Manufacturing Specialty Construction Products	1 (204) 661-6738	isolomon@speconst.mb.ca

5. Evaporation Retardants

5.1 General

Evaporation Retardants approved for use shall be in accordance with Clause 2.7.9 of Specification CW 3310.

5.2 Referenced Standard Construction Specifications

CW 3310 – Portland Cement Concrete Pavement Works

5.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
EVAPRE	W.R. Meadows	1 (780) 400-1772	LVerhelst@wrmeadows.com
Eucobar	Euclid Canada Inc.	1 (416) 747-7101	b.corradetti@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrithart@brockwhite.com
	Specialty Construction Products	1 (204) 661-6738	jsolomon@speconst.mb.ca

6. Separation/Filtration Geotextile Fabric

6.1 General

Separation/Filtration Geotextile Fabric approved for use shall be non-woven in accordance with Section 2.5 of Specification CW 3130.

6.2 Referenced Standard Construction Specifications

CW 3120 – Installation of Sub Drains
CW 3130 – Supply and Installation of Geotextile Fabrics
CW 3135 – Supply and Installation of Geogrid

6.3 Referenced Standard Details

SD-245 – Sub Drain Installation Detail

6.4 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
Mirafi 180N	TenCate Geosynthetics Americas Iconix Waterworks Armtec Inc.	1 (905) 467-1828 1 (204) 632-0331 1(204) 957-7787	alister@solmax.com manitoba@armtec.com
Texel 080C	Texel Technical Materials Inc. Brock White Canada Culvert EMCO	1 (418) 387-4801	jpcarrier@alkegen.com
TE-8 ¹	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
Armtec CC8	Armtec Inc	1 (204) 222-7354	Manitoba@armtec.com
WINFAB 800N	Willacoochee Industrial Fabrics, Inc.	1 (912) 381-9508	melissa@winfabusa.com

¹ Products Conditionally Approved. Please contact the Research and Standards Engineer before using the product.

7. Separation Geotextile Fabric

7.1 General

Separation Geotextile Fabric approved for use shall be woven fabric in accordance with Section 2.5 of Specification CW 3130.

7.2 Referenced Standard Construction Specifications

CW 3130 – Supply and Installation of Geotextile Fabrics

CW 2165 – Stormwater Retention Basin Revetment and Soil Sterilization

7.3 Referenced Standard Details

SD-026 – Stormwater Retention Basin Shoreline Revetment

7.4 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
MacTex MXW13S	Maccaferri Canada Ltd.	1 (519) 623-9990	s.tersigni@maccaferri.com
Mirafi 600X	TenCate Geosynthetics Americas Iconix Waterworks Armtec Inc.	1 (905) 467-1828 1 (204) 632-0331 1(204) 957-7787	alister@solmax.com manitoba@armtec.com
Texel SX-130T	Texel Technical Materials Inc. Brock White Canada Culvert EMCO	1 (418) 387-4801	jpcarrier@alkegen.com
TE-W315	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
Armtec CC315	Armtec Inc	1 (204) 222-7354	Manitoba@armtec.com
WINFAB 315W	Willacoochee Industrial Fabrics, Inc.	1 (912) 381-9508	melissa@winfabusa.com

8. Geogrid

8.1 General

Geogrid approved for use shall be in accordance with Section 2.5 of Specification CW 3135.

8.2 Referenced Standard Construction Specifications

CW 3310 – Sub-grade, Sub-base and Base Course Construction

CW 3130 – Supply and Installation of Geotextile Fabrics

CW 3135 – Supply and Installation of Geogrid

8.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>Class A Geogrid</u>			
Mirafi BXG300	TenCate Geosynthetics Americas Iconix Waterworks Armtec Inc.	1 (905) 467-1828 1 (204) 632-0331 1(204) 957-7787	alister@solmax.com manitoba@armtec.com
MacGrid EG30S	Maccaferri Canada Ltd.	1 (519) 623-9990	s.tersigni@maccaferri.com
Titan Earth Grid™ 30	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
Titan Rail Grid™ 30			
Amerigrid BX Geogrid 3030	Brock White Canada Tensar International	1 (204) 564 1288 1 (704) 607 8642	mfawcett@brockwhite.com kgregory@tensarcorp.com
Tensar BX SQ3030	Tensar, A Division of CMC Layfield Group Ltd. Brock White	1 (250) 503-6363 1 (647) 678-8665 1 (204) 694-3600	kbroadhead@tensarcorp.com dgiesbrecht@brockwhite.com

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Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>Class B Geogrid</u>			
Mirafi BXG120	TenCate Geosynthetics Americas Iconix Waterworks Armtec Inc.	1 (905) 467-1828 1 (204) 632-0331 1(204) 957-7787	alister@solmax.com manitoba@armtec.com
Titan Earth Grid™ 2	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
Titan Earth Grid™ 24			
AmeriGrid BX Geogrid 12	Brock White Canada Tensar International	1 (204) 564 1288 1 (704) 607 8642	mfawcett@brockwhite.com kgregory@tensarcorp.com
Tensar BX TYPE 2F	Tensar, A Division of CMC Layfield Group Ltd. Brock White	1 (250) 503-6363 1 (647) 678-8665 1 (204) 694-3600	kbroadhead@tensarcorp.com dgiesbrecht@brockwhite.com
Tensar BX 1200			

9. Stabilization Geotextile Fabric and Composite Geogrid

9.1 General

Stabilization geotextile fabric or composite geogrid approved for use shall be in accordance Section 2.5 of CW 3130 and CW 3135.

9.2 Referenced Standard Construction Specifications

CW 3310 – Sub-grade, Sub-base and Base Course Construction

CW 3130 – Supply and Installation of Geotextile Fabrics

CW 3135 – Supply and Installation of Geogrid

9.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>Stabilization geotextile</u>			
Mirafi® HP570	TenCate Geosynthetics Americas Iconix Waterworks Armtec Inc.	1 (905) 467-1828 1 (204) 632-0331 1(204) 957-7787	alister@solmax.com manitoba@armtec.com
Texel SX-4H4	Texel Technical Materials Inc. Brock White Canada Culvert EMCO	1 (418) 387-4801	jpcarrier@alkegen.com
WINFAB 570 HP	Willacoochee Industrial Fabrics, Inc.	1 (912) 381-9508	melissa@winfabusa.com
<u>Composite Geogrid</u>			
Titan Wick Grid ¹	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca

¹ Products Conditionally Approved. Please contact the Research and Standards Engineer before using the product.

10. Pavement Repair Fabric / Fiberglass Geogrid

10.1 General

Fabric / Fiberglass Geogrid approved for use shall be in accordance Section 2.5 of CW 3140.

10.2 Referenced Standard Construction Specifications

CW 3130 – Supply and Installation of Geotextile Fabrics

CW 3135 – Supply and Installation of Geogrid

CW 3410 – Asphaltic Concrete Pavement Works

10.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>Type A</u>			
Spartan Road Grid™ 10	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
Spartan Road Grid™ 11			
GlasGrid 8501 ¹	Tensor, A Division of CMC Layfield Group Ltd. Brock White	1 (250) 503-6363 1 (647) 678-8665 1 (204) 694-3600	kbroadhead@tensarcorp.com dgiesbrecht@brockwhite.com
GlasGrid 8511 ¹			
<u>Type B</u>			
Spartan Road Grid™ 20	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
GlasGrid 8502 ¹	Tensor, A Division of CMC Layfield Group Ltd. Brock White	1 (250) 503-6363 1 (647) 678-8665 1 (204) 694-3600	kbroadhead@tensarcorp.com dgiesbrecht@brockwhite.com
GlasGrid 8512 ¹			

¹ Products Conditionally Approved. Please contact the Research and Standards Engineer before using the product.

11. Drainage Pipe

11.1 General

Drainage Pipe approved for use in sub-drains shall be in accordance with Section 2.7 of Specification 3120.

11.2 Referenced Standard Construction Specifications

CW 3120 – Installation of Sub Drains

11.3 Referenced Standard Details

SD-245 – Sub Drain Installation Detail

11.4 Approved Products

High Density Polyethylene (HDPE) Drainage Pipe – Perforated

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
ADS - N12 ST IB Pipe - 320 kPa	ADS Canada Inc.	1 (204) 218-2901	Ryan.Martin@ads-pipe.com
ADS - N12 WT IB Pipe - 320 kPa			
Boss 2000 HDPE Pipe - 320 kPa	Armtec Inc	1 (204) 222-7354	Manitoba@armtec.com

12. Culvert Pipe/Culvert End Marker

12.1 General

Culvert Pipe approved for use shall be in accordance with Section 2 of Specification CW 3610.

12.2 Referenced Standard Construction Specifications

CW 3610 – Installation of Culverts

12.3 Referenced Standard Details

SD – 234 Private Approach on Regional Streets (with Ditch Drainage)

SD – 239 Residential Approach – Gravel, Concrete, or Asphalt

12.4 Approved Products

12.4.1 Corrugated Steel Pipe (CSP)

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
SteelCor CSP	Armtec Inc	1 (204) 222-7354	Manitoba@armtec.com
Corrugated Steel Pipe (CSP)	Atlantic Industries Ltd.	1 (403) 471-4790	kthompson@ail.com
	Titan Environmental Containment	1 (431) 338-4358	

12.4.2 Precast Concrete Pipe (PCP)

There is no list of approved products for Precast Concrete Pipe.

12.4.3 High Density Polyethylene Pipe (HDPE)

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
ADS – N12 Plain End 450-900 Dia. - 320 kPa	ADS Canada Inc.	1 (204) 218-2901	Ryan.Martin@ads-pipe.com
ADS - N12 ST IB Pipe 450-900 Dia. - 320 kPa			
ADS - N12 WT IB Pipe 450-900 Dia. - 320 kPa			

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Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>High Density Polyethylene Pipe (HDPE) (cont'd)</u>			
Boss 2000 HDPE Pipe - 320 kPa	Armtec Inc	1 (204) 222-7354	Manitoba@armtec.com

12.4.4 Culvert End Marker

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
SteelCor – Culvert End Marker	Armtec Inc	1 (204) 222-7354	Manitoba@armtec.com

13. Detectable Warning Surface Tile

13.1 General

Detectable Warning Surface Tile approved for use shall be in accordance with Section 2 of Specification 3326.

13.2 Referenced Standard Construction Specifications

CW 3326 – Detectable Warning Tiles

13.3 Referenced Standard Details

SD-229AA – Detectable Surface Tile for Intersections – Layout Option 1

SD-229AB – Detectable Surface Tile for Intersections – Layout Option 2

SD-229AF – Detectable Warning Surface Tile for Offset Intersections

SD-229BB – Detectable Warning Surface Tile in Curb Ramps for Medians

SD-229E – Curb Ramp and Depressed Curb with Detectable Warning Surface Tile

13.4 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
ADA Solutions Cast in Place 24"x48"	SureWerx Brock White Canada	1 (403) 690 3826 1 (910) 695-5462 1 (204) 793-5211	szaidi@surewerx.com jstieby@surewerx.com rtrithart@brockwhite.com
ADA Solutions Cast in Place Replaceable 24"x48"			
ADA Solutions Cast in Place Replaceable Wayfinding 6"x48" ¹			
Armor-Tile® Cast in Place (24"x48" ADA-C-2448)			
Armor-Tile Wayfinding Tile 6"x48" ¹			
Access-Tile® Cast in Place			
Access -Tile Wayfinding Tile ¹			

¹ Wayfinding Tile will only be used to facilitate wayfinding by indicating the primary routes of travel.

14. Sidewalk Expansion Joints

14.1 General

Sidewalk expansion joints shall be a closed-cell expansion joint filler

14.2 Referenced Standard Construction Specifications

CW 3310 – Portland Cement Concrete Pavement Works

CW 3325 – Portland Cement Concrete Sidewalk

14.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
X-Foam	W.R. Meadows	1 (780) 400-1772	LVerhelst@wrmeadows.com
Nomaflex	Nomaco, Inc.	1 (252) 969-2970	lweimer@nomaco.com

15. Reinforcing Steel

15.1 General

Reinforcing Steel approved for use shall be in accordance with Sections 2.7.3 and 6.3 of Specification CW 3310.

15.2 Referenced Standard Construction Specifications

CW 3310 – Portland Cement Concrete Pavement Works

CW 3325 – Portland Cement Concrete Sidewalk

CW 3230 – Full-Depth Patching of Existing Slabs and Joints

CW 3240 – Renewal of Existing Curbs

15.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>Epoxied Tie Bars</u>			
Cowin Steel – Tie Bars (10M/15M/20M/25M)	Cowin Steel Co. Ltd.	1 (204) 775-8161	murray@cowinsteel.com
Mid Canada – Tie Bars (10M/15M/20M/25M)	Mid Canada Reinforcing Inc.	1 (204) 338-6070	jason@midcanadarebar.com
<u>Epoxied Dowels</u>			
Cowin Steel – Dowels (19.1mm/28.6mm)	Cowin Steel Co. Ltd.	1 (204) 775-8161	murray@cowinsteel.com
Mid Canada – Dowels (19.1mm/28.6mm)	Mid Canada Reinforcing Inc.	1 (204) 338-6070	jason@midcanadarebar.com

16. Repair Materials

16.1 General

Repair materials approved for partial-depth or pothole repairs or patching wide cracks and joints.

16.2 Referenced Standard Construction Specifications

CW 3250 – Joint and Crack Maintenance

CW 3310 – Portland Cement Concrete Pavement Works

CW 3230 – Full-Depth Patching of Existing Pavement Slabs and Joints

16.3 Approved Products

Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
<u>Hot-Poured Repair Products</u>			
Mastic One™ 1	Crafco Inc. Road Products Manitoba Inc.	1 (602) 276 0406 1 (204) 338 9449	Mike.sucee@crafco.com Rpm.sales@mymts.net
MACSEAL M.A.R.S. 1	McAsphalt Industries Limited	1 (905) 436-2946 1 (204) 233-1425	cschonberg@mcasphalt.com mwiese@mcasphalt.com
<u>Asphalt Repair Products</u>			
Instarmac Permanent Pothole Repair ^{3,15}	Da-Lee Pavement Products Go Paving	1 (905) 975-0556 1 (204) 232-0992	matt@daleegroup.com
Permanent Road Repair Cold Lay Asphalt Concrete ^{4,15}			
SCJ Seal & Tack Coat Spray ^{5,15}			
1170 Road Repair ¹⁵	W.R. Meadows	1 (780) 400-1772	LVerhelst@wrmeadows.com
1175, 1178 Road Repair ¹⁵			
1180 SS-1 Primer ¹⁴			
<u>Concrete Partial-Depth Repair Products</u>			
Sika King RS-S10 ⁹	Sika Canada Inc. Brock White	1 (780) 231-7888 1 (204) 782-8965	primiani.pasquale@ca.sika.com dgiesbrecht@brockwhite.com
Sika King RS-S10SCC ¹⁰			
Sika Top® 122 PLUS ¹¹			
Sikacrete 211 FlowPLUS ^{13, 15}			

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