



**Public Works
Travaux publics**

APPROVED PRODUCTS FOR SURFACE WORKS

March 6, 2024



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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.	1 (416) 747-7101	b.salazar@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrithart@brockwhite.com
	Specialty Construction Products	1 (204) 661-6738	jsolomon@speconst.mb.ca
Sikadur 31 Hi-Mod	Sika Canada Inc.	1 (780) 231-7888	primiani.pasquale@ca.sika.com
	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
Sika Anchorfix 3001	Sika Canada Inc.	1 (780) 231-7888	primiani.pasquale@ca.sika.com
	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
Hilti HIT-RE 100	Hilti Canada	1 (972) 404-3722	michael.hoffmann@hilti.com
Rezi-Weld Gel Paste State	W.R. Meadows	1 (905) 878-4122	gmtench@wrmeadows.com
Flo-Rok FR6-SD	UCAN Fastening Products	1 (416) 631-9400 Ext. 252	balwant@ucanfast.com
DeWalt Pure 50+	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
	Anchor Products	1 (204) 633-0064	scottf@anchorproducts.ca
	Prime Fasteners	1 (204) 633-6624	matt@primefasteners.mb.ca
	Mid Fasteners	1 (204) 697-0635	brett@midcanadafasteners.com

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Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
Dowel Adhesive (cont'd)			
DeWalt Pure 110+	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
	Anchor Products	1 (204) 633-0064	scottf@anchorproducts.ca
	Prime Fasteners	1 (204) 633-6624	matt@primefasteners.mb.ca
	Mid Fasteners	1 (204) 697-0635	brett@midcanadafasteners.com
DeWalt Pure 220+	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
	Anchor Products	1 (204) 633-0064	scottf@anchorproducts.ca
	Prime Fasteners	1 (204) 633-6624	matt@primefasteners.mb.ca
	Mid Fasteners	1 (204) 697-0635	brett@midcanadafasteners.com
DeWalt AC 100+ Gold ¹	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
	Anchor Products	1 (204) 633-0064	scottf@anchorproducts.ca
	Prime Fasteners	1 (204) 633-6624	matt@primefasteners.mb.ca
	Mid Fasteners	1 (204) 697-0635	brett@midcanadafasteners.com
DeWalt AC 200+ ¹	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
	Anchor Products	1 (204) 633-0064	scottf@anchorproducts.ca
	Prime Fasteners	1 (204) 633-6624	matt@primefasteners.mb.ca
	Mid Fasteners	1 (204) 697-0635	brett@midcanadafasteners.com
Bonding Agents			
Sika Latex R ²	Sika Canada Inc.	1 (780) 231-7888	primiani.pasquale@ca.sika.com
	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
Sikatop Armatec 110 EpoCem	Sika Canada Inc.	1 (780) 231-7888	primiani.pasquale@ca.sika.com
	Brock White	1 (204) 782-8965	dgiesbrecht@brockwhite.com
SBR Latex ³	Euclid Canada Inc.	1 (416) 747-7101	b.salazar@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrithart@brockwhite.com
	Specialty Construction Products	1 (204) 661-6738	jsolomon@speconst.mb.ca
Euroweld 2.0	Euclid Canada Inc.	1 (416) 747-7101	b.salazar@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrithart@brockwhite.com
	Specialty Construction Products	1 (204) 661-6738	jsolomon@speconst.mb.ca
Duralprep A.C.	Euclid Canada Inc.	1 (416) 747-7101	b.salazar@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrithart@brockwhite.com
	Specialty Construction Products	1 (204) 661-6738	jsolomon@speconst.mb.ca
Acry-Lok	W.R. Meadows	1 (905) 878-4122	gmtench@wrmeadows.com
Intralok	W.R. Meadows	1 (905) 878-4122	gmtench@wrmeadows.com

¹Product shall be used when ambient temperature is at or below 10°C

²An admixture to produce latex improved bonding agents for bonding new section of concrete to old.

³SBR Latex shall not be used as a primer bonding agent by itself. It shall be used as a cement bond coat as per the manufacturer datasheet.

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.	1 (602) 276 0406	Mike.sucee@crafco.com
	Road Products Manitoba Inc.	1 (204) 338 9449	Rpm.sales@mymts.net
Crafco 34244 (Asphalt Rubber Plus Type 2)	Crafco Inc.	1 (602) 276 0406	Mike.sucee@crafco.com
	Road Products Manitoba Inc.	1 (204) 338 9449	Rpm.sales@mymts.net
MACSEAL 6690-4	McAsphalt Industries Limited	1 (905) 436-2946	cschonberg@mcasphalt.com
		1 (204) 233-1425	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 (905) 878-4122	gmtench@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 (905) 878-4122	gmtench@wrmeadows.com
3001 W/B Rescue - White	Innovative Manufacturing Specialty Construction Products	1 (204) 661-6738	jsolomon@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 1 (877) 438-3826 1 (204) 661-6738	b.salazar@euclidcanada.com rtrithart@brockwhite.com jsolomon@speconst.mb.ca
3001 W/B Rescue - Green	Innovative Manufacturing Specialty Construction Products	1 (204) 661-6738	jsolomon@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 (905) 878-4122	gmtench@wrmeadows.com
Eucobar	Euclid Canada Inc.	1 (416) 747-7101	b.salazar@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrihart@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	a.lister@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 250	Armtec Inc	1 (204) 222-7354	Manitoba@armtec.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	a.lister@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 855	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	a.lister@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	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
Amerigrd 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	a.lister@solmax.com manitoba@armtec.com
Titan Earth Grid™ 2	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
Titan Earth Grid™ 24	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
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	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

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	a.lister@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
Type A			
Spartan Road Grid™ 10	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
Spartan Road Grid™ 11	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
GlasGrid 8501 ¹	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
GlasGrid 8511 ¹	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
Type B			
Spartan Road Grid™ 20	Titan Environmental Containment	1 (204) 612-7661	matthew.east@titanenviro.ca
GlasGrid 8502 ¹	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
GlasGrid 8512 ¹	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

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	Mervat.Sefin@ads-pipe.com
ADS - N12 WT IB Pipe - 320 kPa	ADS Canada Inc.	1 (204) 218-2901	Mervat.Sefin@ads-pipe.com
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. Titan Environmental Containment	1 (403) 471-4790 1 (431) 338-4358	kthompson@ail.com

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	Mervat.Sefin@ads-pipe.com
ADS - N12 ST IB Pipe 450-900 Dia. - 320 kPa	ADS Canada Inc.	1 (204) 218-2901	Mervat.Sefin@ads-pipe.com
ADS - N12 WT IB Pipe 450-900 Dia. - 320 kPa	ADS Canada Inc.	1 (204) 218-2901	Mervat.Sefin@ads-pipe.com

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Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
High Density Polyethylene Pipe (HDPE) (cont'd)			
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"	ADA Solutions Brock White Canada	1 (910) 695-5462 1 (204) 793-5211	jstieby@surewerx.com rtrithart@brockwhite.com
ADA Solutions Cast in Place Replaceable 24"x48"	ADA Solutions Brock White Canada	1 (910) 695-5462 1 (204) 793-5211	jstieby@surewerx.com rtrithart@brockwhite.com
ADA Solutions Cast in Place Replaceable Wayfinding 6"x48" ¹	ADA Solutions Brock White Canada	1 (910) 695-5462 1 (204) 793-5211	jstieby@surewerx.com rtrithart@brockwhite.com
Armor-Tile® Cast in Place (24"x48" ADA-C-2448)	Kinesik Engineered Products Access Products Inc.	1 (403) 690 3826 1 (425) 766-6234	shahrukh.zaidi@kinesik.ca bradg@engplastics.com
Armor-Tile Wayfinding Tile 6"x48" ¹	Kinesik Engineered Products Access Products Inc.	1 (403) 690 3826 1 (425) 766-6234	shahrukh.zaidi@kinesik.ca bradg@engplastics.com
Access-Tile® Cast in Place	Kinesik Engineered Products Access Products Inc.	1 (403) 690 3826 1 (425) 766-6234	shahrukh.zaidi@kinesik.ca bradg@engplastics.com
Access -Tile Wayfinding Tile ¹	Kinesik Engineered Products Access Products Inc.	1 (403) 690 3826 1 (425) 766-6234	shahrukh.zaidi@kinesik.ca bradg@engplastics.com

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 (905) 878-4122	gmtench@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
Hot-Poured Repair Products			
Mastic One™ ¹	Crafco Inc. Road Products Manitoba Inc.	1 (602) 276 0406	Mike.sucee@crafco.com
		1 (204) 338 9449	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
Asphalt Repair Products			
Instarmac Permanent Pothole Repair ^{3,14}	Da-Lee Pavement Products Go Paving	1 (905) 975-0556	matt@daleegroup.com
		1 (204) 232-0992	
Permanent Road Repair Cold Lay Asphalt Concrete ^{4,14}	Da-Lee Pavement Products Go Paving	1 (905) 975-0556	matt@daleegroup.com
		1 (204) 232-0992	
SCJ Seal & Tack Coat Spray ^{5,14}	Da-Lee Pavement Products Go Paving	1 (905) 975-0556	matt@daleegroup.com
		1 (204) 232-0992	
1700 Road Repair ¹⁴	W.R. Meadows	1 (905) 878-4122	gmtench@wrmeadows.com
1750, 1780 Road Repair ¹⁴	W.R. Meadows	1 (905) 878-4122	gmtench@wrmeadows.com
1180 SS-1 Primer ¹⁴	W.R. Meadows	1 (905) 878-4122	gmtench@wrmeadows.com
Concrete Partial-Depth Repair Products			
Sika King RS-S10 ⁹	Sika Canada Inc. Brock White	1 (780) 231-7888	primiani.pasquale@ca.sika.com
		1 (204) 782-8965	dgiesbrecht@brockwhite.com
Sika King RS-S10SCC ¹⁰	Sika Canada Inc. Brock White	1 (780) 231-7888	primiani.pasquale@ca.sika.com
		1 (204) 782-8965	dgiesbrecht@brockwhite.com
Sika Top® 122 PLUS ¹¹	Sika Canada Inc. Brock White	1 (780) 231-7888	primiani.pasquale@ca.sika.com
		1 (204) 782-8965	dgiesbrecht@brockwhite.com
Sikacrete 211 FlowPLUS ^{13, 14}	Sika Canada Inc. Brock White	1 (780) 231-7888	primiani.pasquale@ca.sika.com
		1 (204) 782-8965	dgiesbrecht@brockwhite.com

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Product Name	Manufacturer / Supplier (s)	Contact information	
		Phone	Email
Concrete Partial-Depth Repair Products (cont'd)			
EucoRepair SCC Fast ^{12,14}	Euclid Canada Inc.	1 (416) 747-7101	b.salazar@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrithart@brockwhite.com
	Specialty Construction Products	1 (204) 661-6738	jsolomon@speconst.mb.ca
VersaSpeed 100 ^{6,14}	Euclid Canada Inc.	1 (416) 747-7101	b.salazar@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrithart@brockwhite.com
	Specialty Construction Products	1 (204) 661-6738	jsolomon@speconst.mb.ca
VersaSpeed LS100 ^{7,14}	Euclid Canada Inc.	1 (416) 747-7101	b.salazar@euclidcanada.com
	Brock White	1 (877) 438-3826	rtrithart@brockwhite.com
	Specialty Construction Products	1 (204) 661-6738	jsolomon@speconst.mb.ca

¹Mastic One™ and MACSEAL M.A.R.S. will be used for filling wide cracks and joints more than 37.5 mm wide.

³Instarmac Permanent Pothole Repair is a cold bituminous patching mix and generally can be used in all weather conditions when traffic must be quickly reinstated. Suitable for repair of potholes and small utility cuts on driveways when finer grade is required with thickness between 10 to 50 mm.

⁴Permanent Road Repair Cold Lay Asphalt Concrete is a cold bituminous patching mix and generally can be used in all weather conditions when traffic must be quickly reinstated. Suitable for repair of utility cuts in roadways and permanent repairs around manholes or catch basins.

⁵SCJ Seal & Tack Coat Spray is cold joint sealer that is applied onto vertical edges and surface base before the application of cold asphalt.

⁶VersaSpeed 100 is a high early strength patching and generally can be used during the summer when temperatures are in the range of 8°C to 30°C and traffic must be quickly reinstated.

⁷VersaSpeed LS100 is a moderate early strength patching and generally can be used during the summer when temperatures are in the range of 8°C to 35°C and traffic must be reinstated within one day.

⁹Sika King RS-S10 is high early strength patching and generally can be used during spring and late fall when temperatures are in the range of 0°C to 10°C and traffic must be quickly reinstated. Place RS-S10 at a minimum thickness of 38 mm.

¹⁰Sika King RS-S10SCC is high early strength patching and generally can be used during spring and late fall when temperatures are in the range of 0°C to 10°C and traffic must be quickly reinstated. Place RS-S10 at a minimum thickness of 50 mm.

¹¹SikaTop 122 PLUS is normal strength patching and generally can be used during the summer when temperatures are above 10°C and traffic must be reinstated within three days.

¹²EUCOREPAIR SCC FAST is high early strength self-consolidating repair mortar that is shrinkage-compensated, pozzolan and microfiber modified, and contains an integral corrosion inhibitor.

¹³Sikacrete 211 FlowPLUS is flowable normal strength concrete and generally can be used during the summer when temperatures are above 10°C and traffic must be reinstated within three days for concrete thicknesses exceeding 25 mm.

¹⁴ Products Conditionally Approved. Please contact the Research and Standards Engineer before using the product.