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**PUBLIC WORKS DEPARTMENT • SERVICE DES TRAVAUX PUBLICS**

*Engineering Division • Division de l'ingénierie*

**APPROVED PRODUCTS**

**FOR**

**SURFACE WORKS**

**DIVISION 4 - APPROVED PRODUCTS FOR SURFACE WORKS**

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## **Division 4 – APPROVED PRODUCTS FOR SURFACE WORKS**

### **10. BONDING AGENTS**

#### **10.1 General**

Bonding agents approved for use in accordance with Clause 5.8 of Specification CW 3230.

#### **10.2 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

#### **10.3 Referenced Standard Details**

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

#### **10.4 Approved Products**

<b>PRODUCT NAME</b>	<b>MANUFACTURER / SUPPLIER</b>	<b>COMMENTS</b>	<b>FILE NO.</b>
Duralcrete Gel	Dural International Corporation		19A.10.4
Duralcrete Resin	Dural International Corporation		19A.10.5
Duralith Gel	Dural International Corporation		19A.10.6
Duralpatch Gel	Dural International Corporation		19A.10.7
Sikadur 31	Sika Canada Inc.		19A.10.9
Acrl-Stix	Specialty Construction Ltd.	To be used with normal Portland Cement. Not to be re-tempered with Acrl-Stix latex. Not to be used at Temperatures below 5 Degrees C.	19A.10.10
Chemroc 800	Concrete Chemicals		19A.10.13

**20. HOT POURED JOINT SEALER****20.1 General**

Hot Poured Sealers approved for use in accordance with Clause 5.4.1 of Specification CW 3310.

**20.2 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

**20.3 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

**20.4 Approved Products**

<b>Product Name</b>	<b>Manufacturer / Supplier</b>	<b>Comments</b>	<b>File No.</b>
Crafco Roadsaver 522	Crafco Inc.		19A.20.1
Crafco Roadsaver 231	Crafco Inc.	This sealer use is limited to streets in subdivisions during the construction of homes.	19A.20.2
Bemac Beram 195 LM	Bemac		19A.20.4

**30. PREFORMED NEOPRENE COMPRESSION JOINT SEALS****30.1 General**

Preformed Neoprene Compression Joint Seals approved for use in accordance with Clause 5.4.2 of Specification CW 3310.

**30.2 Referenced Standard Construction Specifications**

CW 3310 – Portland Cement Concrete Pavement Works

**30.4 Approved Products**

<b>Product Name</b>	<b>Manufacturer / Supplier</b>	<b>File No.</b>
E-686 Delastic Neoprene Compression Seals	D.S. Brown Company	19A.30.1

**40. DRAINAGE FABRIC****40.1 General**

Geotextile fabric approved for in subdrains will be non-woven in accordance with Section 2.7 of Specification CW 3120.

**40.2 Referenced Standard Construction Specifications**

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

**40.3 Referenced Standard Details**

SD-245 – Subdrain Installation Detail

**40.4 Approved Products**

<b>Product Name</b>	<b>Supplier</b>	<b>File No.</b>
Skaps GT 180	Brock White Canada	19A.40.08
BW 180	Brock White Canada	19A.40.09
Propex 861	Brock White Canada	19A.40.10
Propex 861	Nilex Incorporated	19A.40.11
Armtec 250W	Armtec Limited	19A.40.16
Carthage Mills FX-86HS	Canada Culvert	19A.40.17
SKAPS GT-180	Titan Environmental Containment Ltd.	19A.40.18
Propex Geotex 801	Brock White Canada	19A.40.22

**50. SEPARATION / REINFORCEMENT FABRIC****50.1 General**

Geotextile Fabric approved for use as a sub-grade separator and reinforcement will be woven fabric in accordance with Section 2.5 of Specification CW 3130.

**50.2 Referenced Standard Construction Specifications**

CW 2165 – Stormwater Retention Basin Revetment and Soil Sterilization  
CW 3130 – Supply and Installation of Geotextile Fabrics

**50.3 Referenced Standard Details**

SD-026 – Stormwater Retention Basin Shoreline Revetment

**50.4 Approved Products**

<b>Product Name</b>	<b>Supplier</b>	<b>File No.</b>
Armtex 855	Armtex Limited	19A.50.2
Layfield LP315	Layfield Geosynthetics & Industrial Fabrics Limited	19A.50.9
Skaps W315	Brock White Canada	19A.50.10
BW 315	Brock White Canada	19A.50.11
Propex 315ST	Brock White Canada	19A.50.12
Propex 315ST	Nilex Incorporated	19A.50.13
CC315	Canada Culvert	19A.50.15
Thrace - Linq GTF 300	Brock White Canada	19A.50.16
FX-66	Canada Culvert	19A.50.17
SKAPS W315	Titan Environmental Containment Ltd.	19A.50.18
WINfab 315W	Canada Culvert	19A.50.19
WINfab 315W	Titan Environmental Containment Ltd.	19A.50.20
<b>WINfab 315W</b>	<b>Brock White Canada</b>	<b>19A.50.21</b>

**55. GEOGRID****55.1 General**

Geogrid approved for use as sub-grade reinforcement will be in accordance with CW 3135.

**55.2 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

**55.4 Approved Products**

<b>Product Name</b>	<b>Supplier</b>	<b>File No.</b>
Tenax LBO 302 SAMP	Brock White Canada	19A.55.01
Checkmate 2525PP	Brock White Canada	19A.55.02
Tensar BX1200	Nilex Civil Environmental Group	19A.55.03
Checkmate 2525PP	Titan Environmental Containment Ltd.	19A.55.04
Terrafix BX2500	Brock White Canada	19A.55.06
Griffen GBX2000	Titan Environmental Ltd.	19A.55.07
Checkmate 2020PP	Titan Environmental Containment Ltd.	19A.55.08
Layfield E'Grid RX 1200	Canada Culvert	19A.55.09
<b>Titan TE-BX20PP</b>	<b>Titan Environmental Containment Ltd.</b>	<b>19A.55.10</b>

**60. DRAINAGE PIPE****60.1 General**

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

**60.2 Referenced Standard Construction Specifications**

CW 3120 – Installation of Subdrains

**60.3 Referenced Standard Details**

SD-245 – Subdrain Installation Detail

**60.4 Approved Products**

High Density Polyethylene (HDPE) Drainage Pipe

<b>Product Name</b>	<b>Supplier</b>	<b>File No.</b>
Boss 2000	Big "O" ARMTEC	19A.60.01
Hancor Sure-Lok ST 06110020IBEA or 06150020IBEA	Brock White Canada	19A.60.03
SOLFLOMAX	Canada Culvert	19A.60.06
Hancor Sure-Lok ST 06150020IBEA	Titan Environmental Containment Ltd.	19A.60.07