

DIT Approved Products

Roadworks and Bridgeworks Contracts



Government
of South Australia

Department for Infrastructure
and Transport

Manufacturers and/or contractors wishing to obtain approval for a product may forward their enquiry directly to the appropriate DIT technical specialist or email: DIT.Tenders@sa.gov.au. Note that in some categories, DIT may restrict the number of approved proprietary products to minimise the stock of spare parts kept by DIT.

The following products are approved for use on DIT Roadworks and Bridgeworks Contracts.

TEMPORARY TRAFFIC CONTROL DEVICES (Refer Part PC-SM1)

Temporary Boom Gate products

- Portaboom

Temporary Speed Humps

- Roadquake 2
- Artcraft (Rubber) Speed Hump

TEMPORARY AND PERMANENT SAFTY BARRIERS (Refer Parts PC-SM1, RD-BF-C1, & RD-BF-C2)

Refer to DIT publication GD 300, available from <http://www.dit.sa.gov.au/documents>.

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ANTI-SKID PRODUCTS (Refer Part RD-EW-C2)

The following products are approved for use on trafficked steel plates placed over excavations:

- OmniDeck SDTM 1954 with grey aluminium oxide grit;
- Ennis-Flint C1 Roll On with calcined bauxite;
- Ennis-Flint Waterborne Paint EF Series / Ecoline with a suitable angular aggregate, but not glass beads
- Dura Products Industries DC100 Steel Plate Coating

BITUMEN ADHESION ADDITIVES (Refer Part RD-BP-C5)

- Megamine NV
- Aggrebond PC
- Aggr Grip 520LT
- Aggr Grip 237
- Bituminous Products Pty Ltd: Pre coat Supa DA (excl. use on Nullabor Aggregate 1)
- Bituminous Products Pty Ltd: Bitumite C

PAVEMENT CRACK SEALANT (Refer Part RD-BP-S3)

- Craftco:
 - Polyflex 3
- Road Maintenance Pty Ltd:
 - Maxi Seal
- Supersealing Pty Ltd:
 - Bitulastic SuperFlex
 - Conseal

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PAVEMENT MARKING MATERIALS (Refer Part RD-LM-S1)

Pavement Marking Paint

- Dulux Group
 - Dulux Roadmaster WB2
- Geveko Markings Group:
 - Ennis-Flint Waterborne Paint EF Series / Ecoline
- Watty Australia Pty Ltd:
 - Solver Line 42011239 - Rapid Line Road Marking Paint
- Supalux Pty Ltd:
 - Waterbased Road Marking 401 High Reflectivity, White
- APCO Coatings:
 - APCO Fastrack Roadmarking WB
- Damar CDC:
 - Damar Linaro Linaqua QL90 White WB
 - Damar Highway Aqua 98 White WB

Pavement Bar and Kerb Marking Paint

- Dulux Group:
 - Berger Solarscreen 100 Low Sheen
 - Dulux Weathershield X10 Low Sheen
- Geveko Markings Group:
 - E Bristol Weathertough Forte Exterior Acrylic Low
 - Sheen Ennis-Flint Kerbside
- Watty Australia Pty Ltd:
 - Solver Duraguard Low Sheen Acrylic
 - Watty Solagard Low Sheen
- Supalux Pty Ltd:
 - Fresco Flat Latex
- Resene Paints Ltd.:
 - Zylone Spacecote 3612
 - Aquashield 3611

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High Performance Pavement Markings

Multi-Component

- Geveko Markings Group:
 - Ennis-Flint C1 Roll On

Pre-Form Thermoplastic

- Crystalite Design Pty Ltd:
 - Crystalite Pre-Form
- Geveko Markings Group:
 - Ennis-Flint Preform Thermoplastic

Pre-Form Thermoplastic

- DPI Dura Product Industries Pty Ltd:
 - Extrusion Grade Thermoplastic

Coloured Pavement Surfacing

- Omnicrete:
 - OMNIGRIP CST
- Geveko Markings Group:
 - Ennis-Flint C1 Roll On

FRANGIBLE SIGN SUPPORT SYSTEMS (Refer Part RD-LM-C4)

- SignFix MASH TL3*
- Artcraft*
- Lattix Systems (not to be used unless advised otherwise by DIT Planning and Technical Services)
- Optimast MASH TL3*

*Additional attachments are not permitted on Signfix MASH Sign Support, Artcraft or on Optimast MASH Sign Support, attachments will deem the post(s) non-frangible. Additional attachments include but not limited to the following: Solar Panel, camera, battery, and anything other than a static sign. Additional attachments can be installed if the installation is outside the clear zone, using the previous methodology of AGRD Part 6 (2010). Attachments must be reviewed during the post selection stage to determine if the post has sufficient capacity for the relevant load.

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GUIDE POSTS (Refer Part RD-LM-S3)

- Delnorth products
 - Steel Flex Guide Post: SF14D2
 - Semi-rigid straight edge 1.6mm guide post: SEM135D2
 - Semi-rigid straight edge 2.0mm guide post: SEH135D2
- Saferoads guide posts Snaploc: K1102007
- RPS Industries OMNI-Flexi Guide post
- Park Roadside Guide Post
- Artcraft Pty Ltd products:
 - Artcraft 2 mm Top Hat Steel Guide Post
 - DrivaPost
 - 5 mm PVC Flexi Post
 - G2 Spring Return Guide Post – Surface or Inground
- Dura-Post/Roadside products:
 - Standard semi-rigid steel guide post: FSG2132
 - Premium semi-rigid steel guide post: FSG2143

CONCRETE MOULD RELEASE AGENTS (Refer Part ST-SC-C6)

- Berryessa Repel 22, 26, 60, 64, 72 and 76
- Rosmar R100, R300, R600, R300Gel

TRAFFIC SIGNAL PRODUCTS (Refer Part RD-EL-D1, RD-EL-D2)

Traffic Signal Controllers

- Aldridge Traffic Controllers (ATC):
 - ATSC4
- Tyco Traffic and Transportation:
 - Tyco Eclipse

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Traffic Signal Lanterns

- Aldridge Traffic Systems:
 - 5mm LED 230V and 42V
- BRAUMS:
 - HPSM LED 230V and 42V
- Aldridge Electrical Industries:
 - HPSM LED 230V and 42V

Linking Control Module

- Microconnect:
 - LCM

ROAD LIGHTING PRODUCTS

(Refer Part RD-EL-D1, RD-EL-S1, RD-EL-S2)

Road Lighting Luminaires

All luminaires to be the Aeroscreen type, fitted with a 7-pin NEMA socket, have all necessary components fitted for 0-10V dimming and have a 10 year on-pole warranty.

- Gerard Lighting:
 - Sylvania RoadLED midi, 60W
 - Sylvania RoadLED midi, 80W
 - Sylvania RoadLED midi, 100W
 - Sylvania RoadLED midi, 120W
 - Sylvania RoadLED midi, 150W
 - Sylvania RoadLED midi, 165W
- Pecan Lighting:
 - NXT 72M-2ES, 158W
- We-Ef Lighting:
 - VFL540SE P45L 4k for pedestrian crossings

Any proposed alternative luminaire shall be approved by the Principal Engineer, Road Lighting.

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Road Lighting Poles

All poles must comply with appropriate DIT standard drawings.

- Slip base poles:
 - Ingal EPS
 - Auspole
- Impact Absorbing and Combination Road Lighting/Traffic Signals:
 - Ingal EPS
 - Auspole
- Combination Road Lighting/Traffic Signals with mast arm:
 - Ingal EPS
 - Auspole

Any proposed alternative poles shall be approved by the Principal Engineer, Road Lighting.

Smart Lighting System

Smart Lighting systems must comply with DIT master specification RD-EL-D1 Road Lighting design.

- Telensa:
 - PLANet