General Notes:

- Denotes web thickness to be verified by the designer for strength requirements.
- Denotes increased flange thickness may be required for girder width > 2100 depending on deck thickness and construction loading.
- Denotes dimension shall be increased if flange thickness > 90.

All surfaces in contact with cast-in-place diaphragm concrete shall be roughened during manufacture to construction joint in accordance with RMS specification B80. The top of flange surface except under link slab shall be made rough by broom finish transversely. Girdner flange edges and top of flange under link slab shall be finished smooth.
GENERAL NOTES

SCALE
0 100 200 300 400 500mm

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RMS DRAWINGS No B0203, B0205, B0206, B0207, B0208, B0209, B0210, B0212 AND B0213.

CONCRETE EXPOSURE CLASSIFICATION: B1.

MINIMUM 28 DAY COMPRRESSIVE STRENGTH OF CONCRETE AT TRANSFER OF PRESTRESS SHALL BE 32MPa (MAX 40MPa).

REQUIRED COVER TO REINFORCEMENT NEAREST TO THE CONCRETE SURFACE SHALL BE 30mm UNLESS SPECIFIED OTHERWISE.

STRAND PATTERN SHOWS MAXIMUM NUMBER OF STRANDS FOR EACH GIRDER TYPE.

WHERE BAR SIZES HAVE BEEN SHOWN WITH THE WORDS MAX AND MIN BesIDE THEM, THE DESIGNER SHALL PROVIDE DETAILS OF BAR SIZE TO BE USED IN THE DESIGN OF THE GIRDER AND THESE SIZES SHALL BE SHOWN ON THE DESIGN DRAWINGS.

ACTUAL BAR MARKING OF REINFORCEMENT GRADE, BAR DIAMETER AND BAR SHAPES SHOWN HERE SHALL BE FOLLOWED WHERE POSSIBLE.
NOT TO SCALE

FULL ENGAGEMENT MECHANICAL POSITION COUPLER FOR CROSS GIRDER BARS

5mm NOM THICK POLYSTYRENE FOAM PAD OVER END OF COUPLER DURING PRODUCTION

TEMPORARY SCREW-IN PLASTIC CAP

ADDITIONAL COUPLER

CAST-IN COUPLER

BARS TO BE THREADED TO SUIT THE COUPLER IN ACCORDANCE WITH COUPLER MANUFACTURER’S SPECIFICATION

FOR CROSS GIRDER BARS

ADDITIONAL COUPLER

TOP FLANGE REINFORCEMENT DETAILS AND STRAND PATTERN - ALL GIRDER TYPES

BOTTOM FLANGE REINFORCING BAR SPLICE DETAIL (G2)

GENERAL NOTES

STRANDS SHALL BE 7-WIRE, ORDINARY, DIAMETER 15.2mm, TENSILE STRENGTH 1750 MPa, RELAX 2, TO AS/NZS 4672.1 WITH MINIMUM BREAKING FORCE OF 250 kN.

FOR OTHER GENERAL NOTES RELATING TO THIS DRAWING, SEE DRAWING No B0202.

SUPER T GIRDER STRAND AND REINFORCEMENT DETAILS

STANDARD DRAWING

ISSUE DATE

REVISION ISSUE

ISSUED

STATUS

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B0203
STANDARD GIRDER END TREATMENT

END TREATMENT (EDGE GIRDER)

END TREATMENT (INTERIOR GIRDER)

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RMS DRAWING No: B0201.
GIRDER TYPE T1
750mm DEEP

GIRDER TYPE T2
1000mm DEEP

GENERAL NOTES

WHERE BAR SIZES HAVE BEEN SHOWN WITH THE WORDS MAX AND MIN BEHIND THEM, THE DESIGNER SHALL PROVIDE DETAILS OF BAR SIZE TO BE USED IN THE DESIGN OF THE GIRDER AND THESE SIZES SHALL BE SHOWN ON THE DESIGN DRAWINGS. DESIGN DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH CONCRETE REINFORCEMENT DETAILING SECTION OF THE RMS STRUCTURAL DRAFTING AND DETAILING MANUAL.

ACTUAL BAR MARKING OF REINFORCEMENT, BAR DIAMETER AND BAR SHAPES SHOWN HERE SHALL BE FOLLOWED WHERE POSSIBLE FOR CONSISTENCY.

(800mm LONG)
GIRDER TYPE T3
1 200mm DEEP

GIRDER TYPE T1
1 500mm DEEP

GENERAL NOTES

FOR OTHER GENERAL NOTES RELATING TO THIS DRAWING, SEE DRAWING No B0205.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RMS DRAWING No B0205, B0207 AND B0213.

Scale: 1:4

Send feedback on this Standard to: standardbridgedrawings@rms.nsw.gov.au

Director Bridges and Structures
W.Ariyaratne

21.12.2018
GIRDER TYPE T1
750mm DEEP

GIRDER TYPE T2
1 000mm DEEP

GENERAL NOTES

WHERE BAR SIZES HAVE BEEN SHOWN WITH THE WORDS MAX AND MIN BESIDE THEM, THE DESIGNER SHALL PROVIDE DETAILS OF BAR SIZE TO BE USED IN THE DESIGN OF THE GIRDER AND THESE SIZES SHALL BE SHOWN ON THE DESIGN DRAWINGS.

WHERE BAR SIZES HAVE BEEN SHOWN WITH THE WORDS MAX AND MIN BESIDE THEM, THE DESIGNER SHALL PROVIDE DETAILS WHERE POSSIBLE FOR CONSISTENCY.

ACTUAL BAR MARKING OF REINFORCEMENT, BAR DIAMETER AND BAR SHAPES SHOWN HERE SHALL BE FOLLOWED.

DENOTES VARIABLE LENGTH BAR.

DENOTES COUPLED BAR.

DENOTES DIMENSION/SIZE GENERALLY SUITABLE BUT CONFIRMATION REQUIRED BY THE DESIGNER.

THESE DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH, CONCRETE REINFORCEMENT DETAILING SECTION OF THE RMS STRUCTURAL DRAFTING AND DETAILING MANUAL.

WHERE POSSIBLE FOR CONSISTENCY.

DIRECTOR BRIDGES AND STRUCTURES

APPROVED FOR USE

W.Ariyaratne

DATE

21.12.2018

SUPER T GIRDER
DEBONDED END REINFORCEMENT DETAILS

EDMS No

standardbridgedrawings@rms.nsw.gov.au

STANDARD DRAWING

ISSUED

DEC 2018

B0208

STANDARD DRAWING NO

REVISION ISSUE

ISSUE DATE

STATUS

DEC 2018

ISSUED

1

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POSITIONAL COUPLERS

FULL ENGAGEMENT

FULL ENGAGEMENT POSITIONAL COUPLERS

FULL ENGAGEMENT

FULL ENGAGEMENT POSITIONAL COUPLERS

FULL ENGAGEMENT

FULL ENGAGEMENT POSITIONAL COUPLERS

FULL ENGAGEMENT

FULL ENGAGEMENT POSITIONAL COUPLERS

FULL ENGAGEMENT

FULL ENGAGEMENT POSITIONAL COUPLERS

FULL ENGAGEMENT
STANDARD DRAWING

DEBONDED END REINFORCEMENT DETAILS

SUPER T GIRDER

1 800mm DEEP

GENERAL NOTES

500mm
400
300
200
100
0
50
100

500mm
400
300
200
100
0
50
100

FOR OTHER GENERAL NOTES RELATING TO THIS DRAWING, SEE DRAWING No B0208.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RMS DRAWING No B0208, B0209 AND B0213.

FOR OTHER GENERAL NOTES RELATING TO THIS DRAWING, SEE DRAWING No B0208.

STANDARD DRAWING

DEBONDED END REINFORCEMENT DETAILS

SUPER T GIRDER

1 800mm DEEP

GENERAL NOTES

500mm
400
300
200
100
0
50
100

500mm
400
300
200
100
0
50
100

FOR OTHER GENERAL NOTES RELATING TO THIS DRAWING, SEE DRAWING No B0208.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RMS DRAWING No B0208, B0209 AND B0213.

FOR OTHER GENERAL NOTES RELATING TO THIS DRAWING, SEE DRAWING No B0208.
INTERMEDIATE DIAPHRAGMS

TYPICAL
50 x 50 FILLET

TYPICAL
150 x 150 FILLET

INTERMEDIATE DIAPHRAGM LOCATIONS

1x Denotes Numerical Value to Suit Length of Girder

■ Denotes Lengths of Internal Forms Shall Be Determined

By the Manufacturer in the Casting Yard

1 500mm
1 000
500
0
250
500

50% Drainage Holes

150 max
100 min
150 max
100 min
50% Drainage Holes

Approx 1 041
4 500 min to 8 000 max

1 500
4 500 min to 8 000 max

25

Flange Cut Out

800

Flange Cut Out

GENERAL NOTES

This Drawing Shall Be Read in Conjunction with RMS Drawing No B0201.

DRAWING TO:

standardbridgedrawings@rms.nsw.gov.au

SEND FEEDBACK ON THIS STANDARD

DIRECTOR BRIDGES AND STRUCTURES
W. Ariyaratne
21.12.2018

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B0211

CONCRETE DETAILS

INTERMEDIATE DIAPHRAGM

STANDARD DRAWING

SUPER T GIRDER

CONCRETE DETAILS

REVISION ISSUE
1

ISSUED

DEC 2018

STANDARD DRAWING

ISSUE DATE
DIRECTOR BRIDGES AND STRUCTURES
W. Ariyaratne
21.12.2018

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B0211
DENOTES VARIABLE LENGTH BAR.

REINFORCEMENT AT INTERMEDIATE DIAPHRAGM FILLETS NOT REQUIRED

GENERAL NOTES

PLAN
REINFORCEMENT AT INTERMEDIATE DIAPHRAGM FILLETS NOT REQUIRED
GENERAL NOTES

This drawing shall be read in conjunction with RMS drawings B0202, B0203, B0205, B0206, B0207, B0209, B0210, B0211 and B0212.

REINFORCEMENT NOTES

Dimensions given in the Bar Shapes Diagram are from the outside faces of the bars and are in millimetres.

The included angle of any bend shall be a right angle unless specified otherwise.

Bar size is the nominal diameter in millimetres.

Bars shall be grade D500N to AS/NZS 4671.

Bars of a diameter greater than 24mm shall not be rebent.

All bends shall be fitment bends in accordance with AS/NZS 4671 unless specified otherwise.

Design Drawings shall be prepared in accordance with Concrete Reinforcement Detailing Section of the RMS Structural Drafting and Detailing Manual. Actual bar marking of reinforcement grade, bar diameter and bar shapes shown here shall be followed where possible.
**PRE-MOULDED EPOXY-ELASTOMERIC BEARING**

**LAMINATED RECTANGULAR STEEL ATTACHMENT PLATE ASSEMBLY**

SEE DETAIL KEEPER PLATE

1. PRIOR TO CONSTRUCTING CEMENT PADS AND EPOXY MORTAR BLOCKS, SUBMIT DOCUMENTATIONS FOR HOLD POINT RELEASE IN ACCORDANCE WITH RMS SPECIFICATION B394.

2. CONSTRUCT CEMENT MORTAR PADS.

3. MEASURE THE HOGS NOT MORE THAN 2 WEEKS PRIOR TO ERECTION OF GIRDERS.

4. CAST EPOXY MORTAR BLOCK DIRECTLY ON TOP OF THE TOP STEEL ATTACHMENT PLATE TO THE DIMENSIONS GIVEN IN TABLE 1 TO SUIT MEASURED HOG.

5. INSTALL ELASTOMERIC BEARINGS ON TOP OF CEMENT MORTAR PADS.

6. THE ATTACHMENT PLATE WITH EPOXY MORTAR BLOCK SHALL BE FIXED TO THE SOFFIT OF THE BEARING BY BUTTERING A SUITABLE SPREADABLE PASTE EVENLY ON THE FULL SURFACE AREA OF THE TOP OF THE EPOXY MORTAR BLOCK EXCEPT OVER THE PREDRILLED HOLES TO ENSURE FULL CONTACT.

7. BOLT EPOXY BLOCK TO SOFFIT OF BEARING.

8. EXCESS EPOXY PASTE MUST BE WIPED CLEAN.

9. CARRY OUT FINAL CHECK OF 'a1 - a4' AND 'b1 - b4' INCLUSIVE IN TABLE 1 SHALL BE ADJUSTED BY THE PRINCIPAL DESIGNER.

10. DETERMINE FOR VALUES OF 'a1, a2, a3, a4, b1, b2, b3 AND b4' AS REQUIRED.

**BEARING INSTALLATION SEQUENCE**

**TABLE 1**

<table>
<thead>
<tr>
<th>RANGE OF HOG</th>
<th>VERTICAL DIMENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>'a1 - a2'</td>
<td>'b1 - b2'</td>
</tr>
<tr>
<td>'a3 - a4'</td>
<td>'b3 - b4'</td>
</tr>
</tbody>
</table>

DENSITIES OF HOG OF GIRDERS SHALL BE DERIVED FROM THE DESIGNER TAKING INTO ACCOUNT THE FOLLOWING:

- THE DIMENSIONS OF THE PRE-MOULDED EPOXY MORTAR BLOCKS THAT HAVE BEEN DERIVED BY THE DESIGNER PRIOR TO GALVANIZING.
- THE RANGE OF HOG GIVEN IN TABLE 1.
- THE VALUES OF 'a1 - a4' AND 'b1 - b4' INCLUSIVE THAT MUST BE ADJUSTED BY THE PRINCIPAL DESIGNER.
- THE MINIMUM THICKNESS OF CEMENT MORTAR PAD TO BE 20mm.
- THE MINIMUM THICKNESS OF ELASTOMERIC MORTAR BLOCKS TO BE 10mm.
- THE BEARINGS MUST CONFORM TO THE REQUIREMENTS OF THE DESIGNER.
- THE MINIMUM THICKNESS OF CEMENT MORTAR PAD TO BE 20mm.
- SECURING BOLTS SHALL BE PRODUCT GRADE C IN ACCORDANCE WITH AS/NZS 1111.1.
- HEXAGON HEAD SCREWS SHALL BE PRODUCT GRADE C IN ACCORDANCE WITH AS/NZS 1111.2.
- THE BOLTING CATEGORY FOR PRODUCT GRADE C BOLTS AND SCREWS SHALL BE 4.6 IN ACCORDANCE WITH AS/NZS 1111.5.
- TAPERED WASHERS MUST CONFORM TO MATERIAL PROPERTIES AS SPECIFIED IN AS/NZS 1332.1.
- ATTACHMENT PLATES WITH BOLTS AND WASHERS MUST BE HOT-DIP GALVANIZED AFTER FABRICATION, EXCEPT WHERE MADE FROM STAINLESS STEEL.
- EXPOSED EDGES OF STEEL PLATES MUST BE ROUNDED TO A RADIUS OF 15mm PRIOR TO GALVANIZING.
- VALUES OF 'a1, a2, a3, a4, b1, b2, b3 AND b4' INCLUSIVE SHALL BE ADJUSTED BY THE DESIGNER.

**GENERAL NOTES**

- MINIMUM 28-DAY COMpressive STRENGTH OF EPOXY MORTAR AND CEMENT MORTAR MUST BE 40 MPa PRIOR TO BEARING INSTALLATION.
- THE MIX RATIO OF EPOXY AND SAND AND THE TYPE OF SAND FOR THE EPOXY MORTAR BLOCK MUST BE IN ACCORDANCE WITH THE EPOXY MANUFACTURER'S SPECIFICATION.
- EPOXY MORTAR BLOCKS MUST BE CONSTRUCTED NOT MORE THAN 2 WEEKS PRIOR TO THE ERECTION OF THE GIRDER.
- THE BOLTS OF THE EPOXY MORTAR PAD SHALL BE FORMED VERTICAL AND FINISHED SMOOOTH EPOXY MORTAR BLOCKS TO BE TAPPED APPROPRIATELY.
- THE MINIMUM THICKNESS OF EPOXY MORTAR BLOCKS TO BE 10mm.
- SECURING BOLTS SHALL BE PRODUCT GRADE C IN ACCORDANCE WITH AS/NZS 1111.1.
- HEXAGON HEAD SCREWS SHALL BE PRODUCT GRADE C IN ACCORDANCE WITH AS/NZS 1111.2.
- THE BOLTING CATEGORY FOR PRODUCT GRADE C BOLTS AND SCREWS SHALL BE 4.6 IN ACCORDANCE WITH AS/NZS 1111.5.
- TAPERED WASHERS MUST CONFORM TO MATERIAL PROPERTIES AS SPECIFIED IN AS/NZS 1332.1.
- ATTACHMENT PLATES WITH BOLTS AND WASHERS MUST BE HOT-DIP GALVANIZED AFTER FABRICATION, EXCEPT WHERE MADE FROM STAINLESS STEEL.
- EXPOSED EDGES OF STEEL PLATES MUST BE ROUNDED TO A RADIUS OF 15mm PRIOR TO GALVANIZING.
- VALUES OF 'a1, a2, a3, a4, b1, b2, b3 AND b4' INCLUSIVE SHALL BE ADJUSTED BY THE DESIGNER.

**STANDARD DRAWING No:** B0214

**DRAWING TO:**

- CAST-IN M8 GALVANIZED FERRULES
- CAST-IN PLACE CONCRETE DECK
- PRE-MOULDED EPOXY MORTAR BLOCK
- ELEVATION OF GIRDER AFTER DECK CONSTRUCTION
- PLAN OF EPOXY MORTAR BLOCK
- SECTION 1

**PLAN OF EPOXY MORTAR BLOCK**

**SECTION 2**

**REVIEWED:** B0214

**APPROVED:** B0214

**DATE:** 21.12.2018

**STATUS:** DEC 2018

**SUPER T GIRDER RECTANGULAR BEARING DETAILS**

**STANDARD DRAWING**

**REVISION ISSUE:** 1

**SEND FEEDBACK ON THIS STANDARD TO:** standardbridgedrawings@rms.nsw.gov.au

**NOTE:** THIS DRAWING APPLIES TO SIMPLY SUPPORTED GIRDER ONLY, INCLUDING THOSE WITH LINK SLABS.
CIRCULAR LAMINATED ELASTOMERIC BEARING DETAILS

### Table 1

<table>
<thead>
<tr>
<th>Range of HOG of Girder</th>
<th>Vertical Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1 - H2</td>
<td></td>
</tr>
<tr>
<td>H3 - H4</td>
<td></td>
</tr>
</tbody>
</table>

- HOG: Hoist of Girder
- H1: Height of Girder at Erection
- H2: Height of Girder at Completion
- H3: Height of Girder at Erection
- H4: Height of Girder at Completion

**General Notes**

- Minimum 28-day compressive strength of Epoxy Mortar and Cement Mortar must be 40 MPa prior to Bearing Installation.
- The mix ratio of Epoxy and Sand and the type of Sand for the Epoxy Mortar Block must be in accordance with the epoxy manufacturer's specification.
- Epoxy Mortar Blocks must be constructed not more than 2 weeks prior to the erection of the Girder.
- The sides of the Epoxy Mortar Pad shall be formed vertical and finished smooth. Epoxy Mortar Blocks to be tapered appropriately.
- The minimum thickness of Epoxy Mortar Blocks to be 10mm.
- The Minimum thickness of Cement Mortar Pad to be 20mm.
- Steel Plate must conform to AS1377.250, except where used with concrete exposure classification B2, stainless steel plate, grade 316 to ASTM A240M must be used.
- Securing Bolts shall be product grade C in accordance with AS1111.1.
- Hexagon head screws shall be product grade C in accordance with AS1111.1.
- The bolting category for product grade C Bolts and Screws shall be 4.6 in accordance with AS1110.6.
- Tapered washers must be conform to material properties as specified in AS1111.1.
- Attachments plates with bolts and washers must be hot dipped Galvanized after fabrication, except where used with stainless steel.
- Exposed edges of steel plates must be rounded to a radius of 1.5mm.
- A single machined plate may be used in lieu of the pre-moulded epoxy Mortar Block/Steel Plate System if a single machined plate is used, the values of a1-a4 and b1-b4 inclusive in Table 1 shall be increased to allow for 2mm thick attachment plate.
- This design applies to simply supported girders only, including those with link slabs.

**Notes:**

- Values of a1, a2, a3, a4, b1, b2, b3, b4 - See Table 1
- Tapered washers shall be ISO 4018-M10 x 35 - 4.6 Hexagon Head Screws (TYP).
- Rings shall be ISO 1367-1.
- Mortar Block/Steel Plate System must be in accordance with Epoxy Manufacturer’s Specification.
- The Mix ratio of Epoxy and Sand and the type of Sand for the Epoxy Mortar Block must be in accordance with the epoxy manufacturer’s specification.
- Exposed edges of Steel Plates Must be Rounded to a Radius of 1.5mm prior to Galvanizing.
- Securing Bolts shall be Product Grade C in accordance with AS1111.1.

**Drawing Details:**

- **Plan of Epoxy Mortar Block Assembly**
- **Keep Plate**
- **Attach Plate**
- **Bearing**
- **Girder**
- **Abutment**
- **Elevation of Girder after Deck Construction**

**Details:**

- **Cement Mortar Pad with Smooth Face**
- **Pre-moulded Epoxy Mortar Block**
- **Steel Attachment Plate**
- **Top of Bearing**
- **Horizontal on Completion of Bridge Construction**

**Notes:**

- **EPOXY MORTAR BLOCK**
- **DIRECTION OF TRAFFIC**
- **ELASTOMERIC BEARING**
- **CIRCULAR LAMINATED ELASTOMERIC BEARING**
- **ATTACHMENT PLATE ASSEMBLY**

**Dimensions:**

- **Horizontal Dimensions**
- **Vertical Dimensions**
- **Plan of Epoxy Mortar Block Assembly**
- **Keep Plate**
- **Attach Plate**
- **Bearing**
- **Girder**
- **Abutment**
- **Elevation of Girder after Deck Construction**

**References:**

- **DS2017/002819**
- **PSC SUPER-T GIRDERS**
- **CIRCULAR BEARING DETAILS**

**Approval:**

- **Transport Roads and Maritime Services**
- **Super T Girder**
- **Circular Bearing Details**
- **Approved for Use**
- **Status:**

**Date:**

- **Dec 2018**

**Issue:**

- **1**

**Issue Date:**

- **21.12.2018**

**Send Feedback on This Standard:**

- **standardbridgedrawings@rms.nsw.gov.au**
FASTENERS SHALL CONFORM GRADE 316 (A4) TO ISO 3506.
MARITIME SERVICE QA SPECIFICATION B240.
FASTENERS SHALL CONFORM TO THE REQUIREMENTS OF ROADS AND STAINLESS STEEL RETAINER PLATE GRADE 316 TO ASTM A240M.

LATERAL RESTRAINT BLOCKS SHALL BE CAST AFTER GIRDERS HAVE BEEN ERECTED, ALIGNED AND FIXED IN THEIR FINAL POSITION.

- Denotes nominal dimension which may be adjusted to suit girder type and bearing height used.
- Denotes the gap between the girder and the recess shall be measured on site and the bearing block thickness shall be shaped to maintain a 10mm uniform gap between the bearing block and the girder.

GAP:
95 OF GIRDER
500 OF GIRDER
95 OF RESTRAINT BLOCK

GENERAL NOTES:
STAINLESS STEEL RETAINER PLATE Grade 316 to ASTM A240M. Fasteners shall conform to the requirements of Roads and Maritime Service QA Specification B240. Fasteners shall conform Grade 316 (A4) to ISO 9628.
GENERAL NOTES

SCALE 1:100 OR AS SHOWN

THE MINIMUM THICKNESS OF LINK SLABS, INCLUDING BITUMEN IMPREGNATED FIBRE BOARD, SHALL BE 40mm.

DECK THICKNESS SHALL BE INCREASED WHERE REQUIRED TO ALLOW FOR VARIATION IN THE HDG OF THE GIRDER AND THE VERTICAL ALIGNMENT.

EDGING TOOLS MUST NOT BE USED AT DECK CONSTRUCTION JOINTS.

LINK SLAB CONCRETE SHALL BE PLACED AFTER MIDSPAN CONCRETE HAS REACHED A MINIMUM AGE OF THREE DAYS AND ACHIVED A COMPRESSIVE STRENGTH OF 32MPa.

NOMINAL 10 THICK BITUMEN IMPREGNATED FIBRE BOARD

CROSSFALL NOT SHOWN

CONCRETE EXPOSURE CLASSIFICATION: B1

MINIMUM 28 DAY COMPRRESSIVE STRENGTH OF CONCRETE IN THE DECK: 40MPa.

REINFORCEMENT GRADE D500N TO AS/NZS 4671.

CONCRETE IN THE DECK: 40MPa.


MINIMUM AGE OF THREE DAYS AND ACHIVED A COMPRESSIVE STRENGTH OF 32MPa.

THE MINIMUM THICKNESS OF LINK SLABS, INCLUDING BITUMEN IMPREGNATED FIBRE BOARD, SHALL BE 40mm.

DECK THICKNESS SHALL BE INCREASED WHERE REQUIRED TO ALLOW FOR VARIATION IN THE HDG OF THE GIRDER AND THE VERTICAL ALIGNMENT.

EDGING TOOLS MUST NOT BE USED AT DECK CONSTRUCTION JOINTS.

LINK SLAB CONCRETE SHALL BE PLACED AFTER MIDSPAN CONCRETE HAS REACHED A MINIMUM AGE OF THREE DAYS AND ACHIVED A COMPRESSIVE STRENGTH OF 32MPa.

NOMINAL 10 THICK BITUMEN IMPREGNATED FIBRE BOARD

CROSSFALL NOT SHOWN

CONCRETE EXPOSURE CLASSIFICATION: B1

MINIMUM 28 DAY COMPRRESSIVE STRENGTH OF CONCRETE IN THE DECK: 40MPa.

REINFORCEMENT GRADE D500N TO AS/NZS 4671.

CONCRETE IN THE DECK: 40MPa.


MINIMUM AGE OF THREE DAYS AND ACHIVED A COMPRESSIVE STRENGTH OF 32MPa.

THE MINIMUM THICKNESS OF LINK SLABS, INCLUDING BITUMEN IMPREGNATED FIBRE BOARD, SHALL BE 40mm.

DECK THICKNESS SHALL BE INCREASED WHERE REQUIRED TO ALLOW FOR VARIATION IN THE HDG OF THE GIRDER AND THE VERTICAL ALIGNMENT.

EDGING TOOLS MUST NOT BE USED AT DECK CONSTRUCTION JOINTS.

LINK SLAB CONCRETE SHALL BE PLACED AFTER MIDSPAN CONCRETE HAS REACHED A MINIMUM AGE OF THREE DAYS AND ACHIVED A COMPRESSIVE STRENGTH OF 32MPa.

NOMINAL 10 THICK BITUMEN IMPREGNATED FIBRE BOARD

CROSSFALL NOT SHOWN

CONCRETE EXPOSURE CLASSIFICATION: B1

MINIMUM 28 DAY COMPRRESSIVE STRENGTH OF CONCRETE IN THE DECK: 40MPa.

REINFORCEMENT GRADE D500N TO AS/NZS 4671.

CONCRETE IN THE DECK: 40MPa.


MINIMUM AGE OF THREE DAYS AND ACHIVED A COMPRESSIVE STRENGTH OF 32MPa.