ELSCHOLZ KERB

Precast Concrete Redirection Kerb
Introduction

Elscholz concrete Barriers and Near Side Kerb units are used primarily to minimise accidents caused by vehicles leaving the carriageway and damaging property or colliding with pedestrians.

When used as a median barrier Elscholz prevents vehicles from changing lanes into on-coming traffic minimising the number of accidents involving head-on collisions. Elscholz and Triff Barriers and Kerbs are very similar in the uses and are alternative products for traffic solutions.

Elscholz products can be supplied with a system of jointing which effectively links all barriers and kerbs together to provide a continuous secure barrier or kerb.

The products are manufactured from dense and durable concrete with a minimum strength of 32MPa at 28 days and with a clear cover to reinforcement of 50mm.

Elscholz barrier or kerb sections are trapezoidal in plan with a long and short side to the blocks, allowing the construction of barriers or kerbs of 60m radius and greater.

To Install the Elscholz units in a straight run the long sides need to be alternated. This is shown on drawings ERK-001, ERK-TE-001, ERK-J-001 and ERK-J-TE-001 copies of which are included with this document.

Depending on the design requirements, Kerb units can be manufactured with the linkage system shown in drawings ERK-J-001 and ERK-J-TE-001 or with a butt joint as shown in drawings ERK-001, ERK-TE-001.

Specification

Dimensions: 420mm high x 800mm wide.

Pricing

Pricing is dependant on the requirements for jointed or plain ends and the delivery location of the project. For quotations for you project please contact our office.
This is a redaction kerb suitable for the problem zones adjacent or adjacent. For Edgewale, Edgewale is critical for the kerb.

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Each Edgewale kerb is protected in plan and hence:

CONNECTION PLATE

SONG pipe over

165 mm cast in

160 mm cast in

Internal movement and

Installation and

 защит for

Internal movement and

Installation and

 protection for

230x30x16
ISOMETRIC

PLAN

ELEVATION

NOTES

1. Minimum concrete strength 25 N/mm² after 28 days.
2. Cover 30mm.
3. All concrete area to be protected from weathering.
4. Erection made to A1sp jointing MB A1/03/4-1.
5. Dimensions shown are critical for this erection.
6. Note: All dimensions shown are critical for erection.

NO PAVEMENT BUILDUP DIRECTLY AGAINST THE KEBA BRACKET.
NOTE:

1. Minimum concrete strength 32 N/m² 8 days.

2. Cover 25 mm.

3. All corners are to radius R = 600 mm.

4. For terminal end, refer to drawing EXK-1-T-001.

5. Extrude nose to form bridge and flange.

6. Vertical dimensions shown are nominal. For revised dimensions, see drawing EXK-004-1.

NO PRECAST/BUILT UP DIRECTLY AGAINST THE EDGE.

This is a redaction for the concrete kerb suitability.

END VIEW

N1 930 C/C.

175 |
| 95 |
| 45 |
| 175 |
| 450 |
| 45 |
| 450 |
| 600 |
| 45 |
| 600 |

2000 |

ELEVATION

PLAN

2000 |

1980
NOTES:
1. Minimum concrete strength 32 MPa @ 28 days.
2. Cover 50mm.
3. For terminal end refer dwg. PCS-EK-J-M-001.
4. All corners are 25 radius.

4 x M10 FERRULES

ELEVATION

TOP VIEW

SECTION

CONNECTION PLATE 3 THK. GAL.

4 x M10 FERRULES
NOTES:
1. Minimum concrete strength 32 MPa @ 28 days.
2. Cover 50mm.
3. For section refer dwg. PCS-EK-M-001.
4. All corners are 25 radius.
NOTES:
1. ALL DIMENSIONS IN MILLIMETRES.
2. BARRIER SHALL BE SET IN A CONTINUOUS KEYS FOUNDATION OR DOWELLED TO CONCRETE PAVEMENT AT 1000 c/c USING 280 DOWELS (240 LONG).
3. MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE 32MPa.
4. ALL EDGES ARE ROUNDED WITH A 25 R.
BARRIER SHALL BE SET IN A CONTINUOUS KEYS FOUNDATION OR DOWELLED TO CONCRETE PAVEMENT AT 1000 c/c USING 280 DOWELS (240 LONG).

3. MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE 32MPa.

4. ALL EDGES ARE ROUNDED WITH A 25 R.

SECTION DETAILS

PRECAST CONCRETE SOLUTIONS Pty Ltd
A.B.N. 90 096 370 397
P.O. Box 42, Sutton, NSW, 2620
Tel: 02 6297 1611, Fax: 02 6299 2399
NOTES:
1. ALL DIMENSIONS IN MILLIMETRES.
2. BARRIER SHALL BE SET IN A CONTINUOUS KEYS FOUNDATION OR DOWELLED TO CONCRETE PAVEMENT AT 1000 c/c USING 28Ø DOWELS (240 LONG).
3. MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE 32MPa.
4. ALL EDGES ARE ROUNDED WITH A 25 R.
NOTES:
1. PENETRATION OPENINGS (150 WIDE x 100 HIGH) THROUGH WEB OF PRODUCT @ 300 C/C
2. ELSHOLZ MADE TO RTA DRAWING MD R132 D03-A-1.