

CUSTOMER TECHNICAL MEMO # 137

ECOWALL 225 – New Dies ECO116 & ECO117 Structural Glaze
Subject: Mullions, ECO122 Structural Glaze Transom, ECO119 & ECO120
Internal Glaze Transom & Bead

Date: 22/2/12

From: Product Development

ALSPEC have released a range of new extrusions for our ECOWALL 225 system. Please refer below for ALSPEC codes and descriptions of new extrusions available for order. Sketches have been attached for your information.

ECO116 FEMALE STRUCTURAL MULLION

ECO117 MALE STRUCTURAL MULLION

ECO122 STRUCTURAL GLAZE TRANSOM

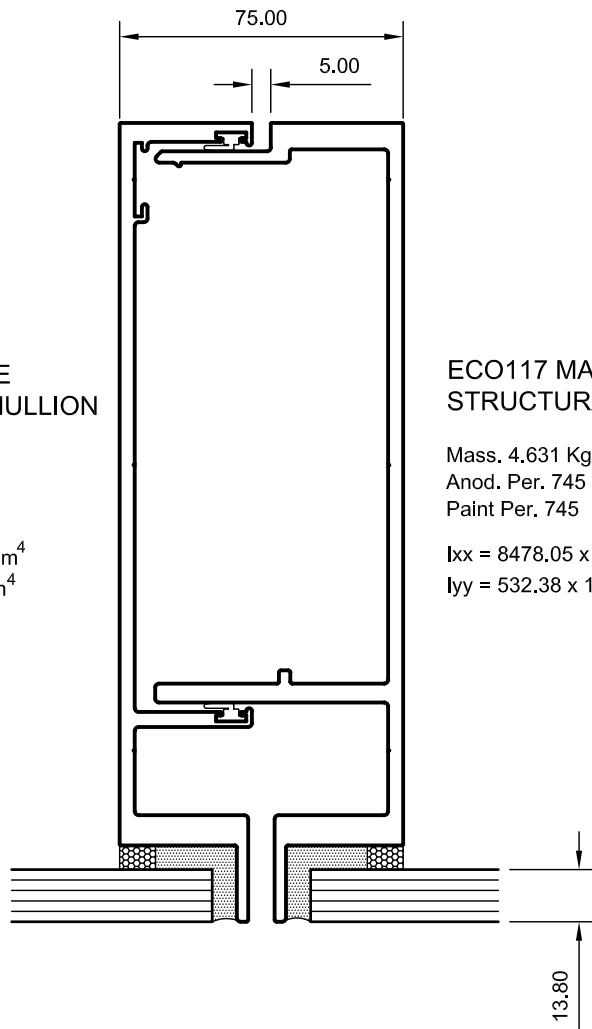
ECO119 INTERNAL GLAZE TRANSOM

ECO120 INTERNAL GLAZE BEAD

Important note: ECO116, ECO117 and ECO122 Structural Glaze Mullions and Transom were designed for a specific project around the use of 13.8mm glass. For all future applications using other glazing combinations please refer your project requirements to ALSPEC's Product Development Team.

Please note all extrusions will be added to the ECOWALL 225 Tech Manual and Wall Chart when updated. We aim to have all extrusions added to the extrusion drawing pages on the website as soon as possible.

If you have any questions please do not hesitate to contact your local ALSPEC Area Manager or Sales Office.



**ECO116 FEMALE
STRUCTURAL MULLION**

Mass. 3.595 Kg/m
Anod. Per. 652
Paint Per. 652

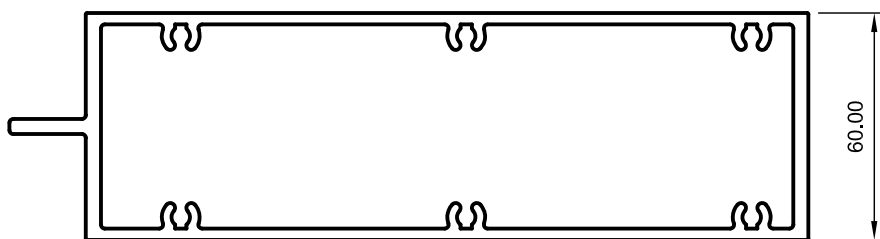
$I_{xx} = 6394.71 \times 10^3 \text{ mm}^4$
 $I_{yy} = 153.76 \times 10^3 \text{ mm}^4$

**ECO117 MALE
STRUCTURAL MULLION**

Mass. 4.631 Kg/m
Anod. Per. 745
Paint Per. 745

$I_{xx} = 8478.05 \times 10^3 \text{ mm}^4$
 $I_{yy} = 532.38 \times 10^3 \text{ mm}^4$

**STRUCTURAL MULLION /
TRANSOM FOR 13.80mm GLASS**



**ECO122
STRUCTURAL GLAZE
TRANSOM**

Mass. 5.095 Kg/m
Anod. Per. 540
Paint Per. 540

$I_{xx} = 8994.13 \times 10^3 \text{ mm}^4$
 $I_{yy} = 1163.74 \times 10^3 \text{ mm}^4$

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TOPIC

ECOWALL 225

**ECO116 FEMALE STRUCTURAL MULLION
ECO117 MALE STRUCTURAL MULLION
ECO122 STRUCTURAL GLAZE TRANSOM**

TECHNICAL MEMO 137



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WZ

DATE

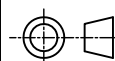
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SCALE

1:2 @ A4



DWG No.

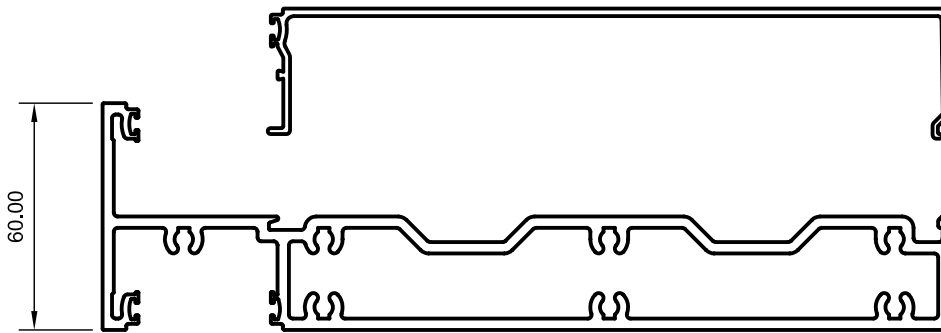
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ECO120 INTERNAL
GLAZE BEAD


Mass. 1.311Kg/m
Anod. Per. 509
Paint Per. 220



ECO119 INTERNAL
GLAZE TRANSOM

Mass. 5.064 Kg/m
Anod. Per. 755
Paint Per. 301

$I_{xx} = 9669.34 \times 10^3 \text{ mm}^4$
 $I_{yy} = 356.36 \times 10^3 \text{ mm}^4$

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<p>DRAWN WZ</p>	<p>DATE 22.2.12.</p>	<p>CHECKED .</p>	<p>SCALE 1:2 @ A4</p>		<p>DWG No. TM137-2</p>	<p>REV .</p>