Milbank GDeck

Data sheet MGD
June 2025 - V4

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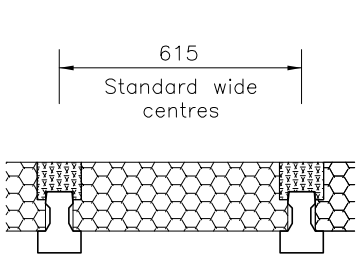
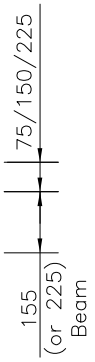
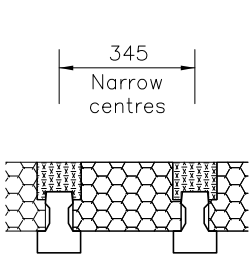


A-A





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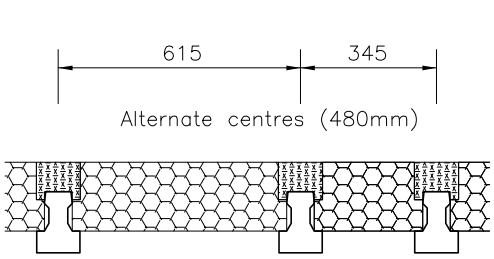

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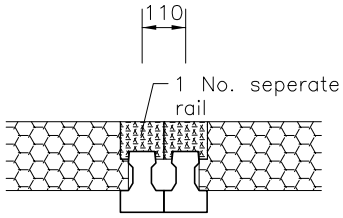

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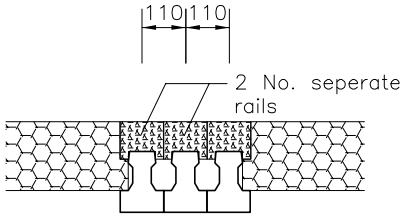

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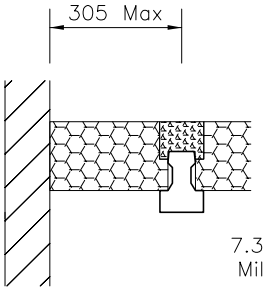

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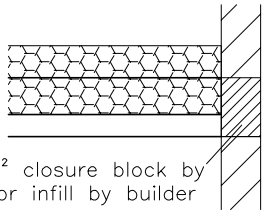

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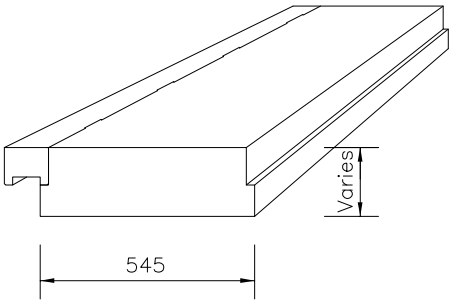
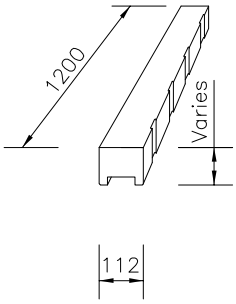
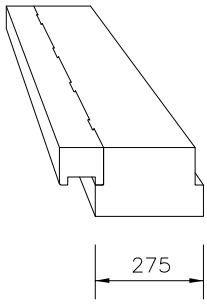
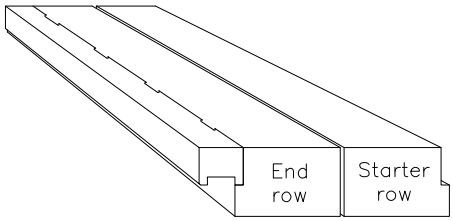








1 No. Wide EPS cut in half to form Starter and End row.

End row to always have load–bearing rail attached.

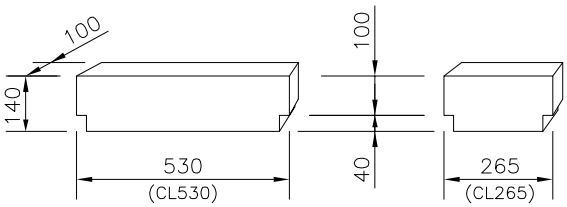
Wide and Narrow panels come attached with load–bearing rail on left hand side. Seperated rails are available when required.

Wide EPS

Load-bearing Rail

Narrow EPS

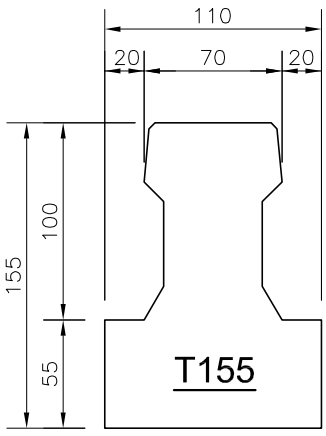
Starter/End Row



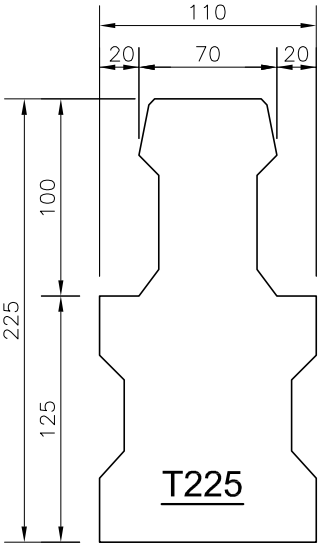
Wide Edge Block

Narrow Edge Block

For T155 Only



T155



T225

Milbank GDeck

Data sheet MGD
June 2025 - V4

MILBANK
CONCRETE PRODUCTS

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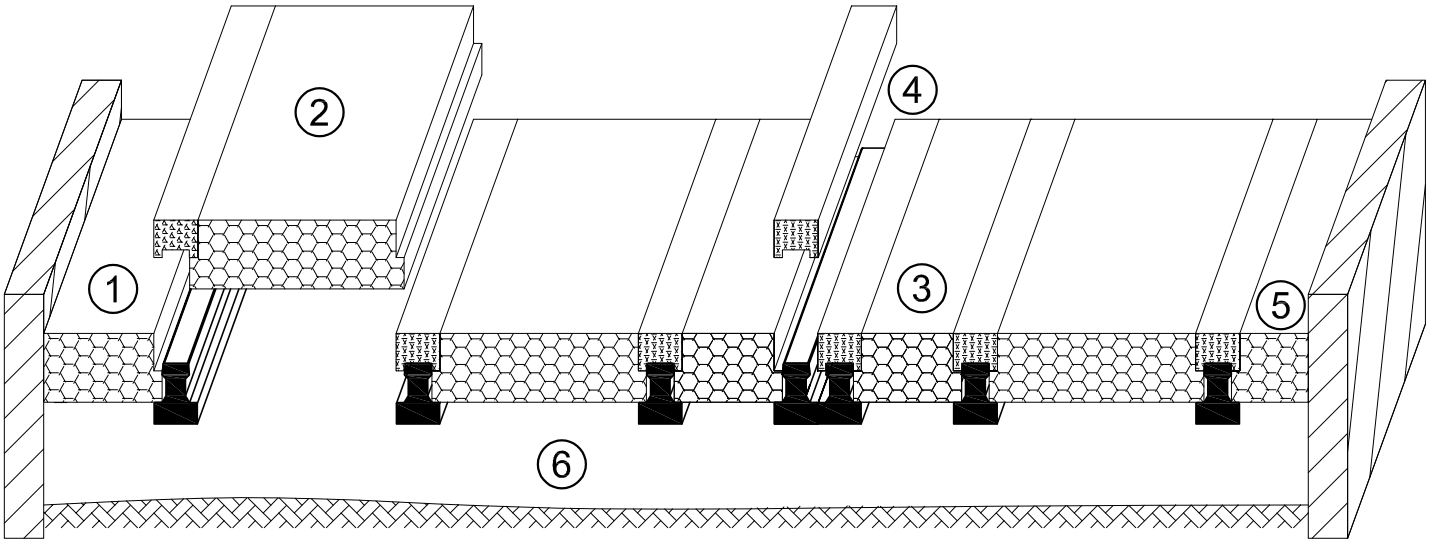
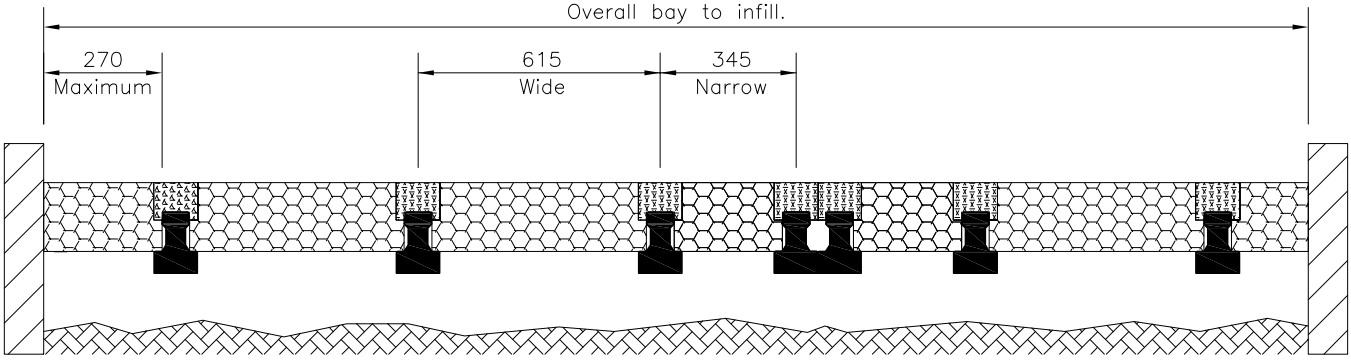
GDeck Installation Information.





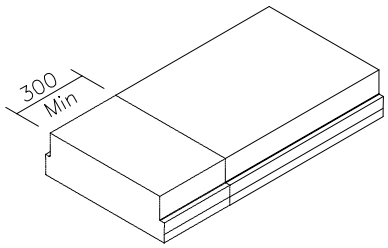
Annotation

1. Standard 545mm panel cut in half to create starter block. Maximum cut to be equal or less than 270mm in width, off cut from panel is to be used as end block. 1 full wide panel creates both starter and end block. Starter block will not have the rail attached to allow easy installation.
2. Standard 545mm panel, attached with load-bearing rail, 1200mm long, but can be cut down to 300mm minimum in length.
3. Narrow 275mm panel, attached with load-bearing rail, 1200mm long, but can be cut down to 300mm minimum in length.
4. Multiple beams, no grout required in joint, 1 separate rail required per beam added to configuration and standard rail attached to adjacent panel utilised.
5. Remaining halves from starter panels to be used as end block, block must be 270mm maximum in width.
6. 150mm minimum void.

Closure Blocks, either 530mm or 265mm, used at bearings to infill between beams but not used to set-out.

Note:

Panels should be cut to suit using site measurements.
Cuts shall not result in panels smaller than 300mm. A 1400mm gap should include a 600mm and 800mm cut panel.
Off-cuts are to be used in the next row.



Specification of structural concrete topping

The overall depth of concrete topping above the services is to be 65mm minimum.

The reinforcement listed below can be used within a C25/30 standard concrete with maximum 20mm aggregate or C28/35 self-compacting concrete with maximum 10mm aggregate.

Conventional reinforcement

One layer of A142 mesh to BS 4483 with characteristic yield strength of 500N/mm², nominal cover to reinforcement shall be 35mm.

Macro-fibres (Class II) reinforcement

1. Durus S400 (4.0kg/m³)
2. Novomesh B&BA (macro, 3.33kg/m³)
3. Durus Easy Finish (3.00kg/m³)

Steel fibre reinforcement

1. Adfil SF86 (13.33kg/m³)
2. Novomesh B&BA (15.00kg/m³)