

# SUSPENDED CONCRETE FLOOR SYSTEMS

Windeck  
Brochure



EASTERN CAPE SUPPLIERS  
OF TOP QUALITY PRECAST  
CONCRETE PRODUCTS

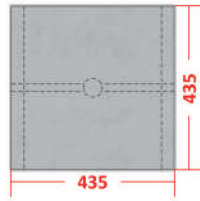
## DT 1 or DT 1 E (Electrical)

## SPECIFICATIONS

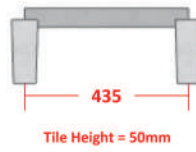
3D Image



Top View



Side View



Standard tile, used most commonly. It is 435mm x 435mm x 50mm thick. It has a half beam width rebate on either side of it.

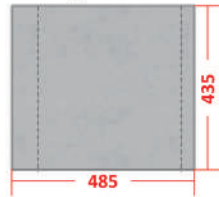
## DT 2 or DT 2 E (Electrical)

## SPECIFICATIONS

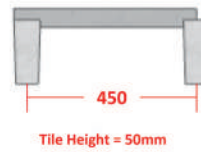
3D Image



Top View



Side View



This tile is 435mm x 485mm and is an edge condition tiles, where the module is 450mm x 450mm, but the rebate is extended on one side to cover the entire beam.

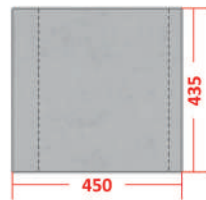
## DT 3 or DT 3 E (Electrical)

## SPECIFICATIONS

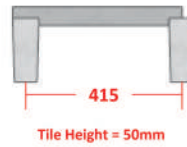
3D Image



Top View



Side View



This tile is a 435mm x 435mm and is an edge condition tile, where the module is 450mm in the longitudinal direction and 415mm in the cross direction. The rebate is extended on one side to cover the entire beam. This allows the beam centre on the edge condition to be reduced to 415mm thus maintaining the tile module of 450mm in both directions.

## DT 4 or DT 4 E (Electrical)

## SPECIFICATIONS

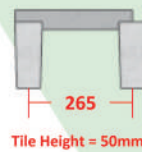
3D Image



Top View



Side View

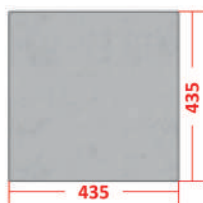


This tile is 435mm x 300mm and is an edge condition tile, where the module is 450mm in the longitudinal direction and the beam centres are 265mm in the cross direction.

## DT 20

## SPECIFICATIONS

Top View



Side View



This tile is 435mm x 435mm x 20mm thick. Used for on slab or ground fill use.

**Important Note:** To ensure an accurate and efficient quote, please provide all essential details when making a request. Kindly include your name, contact number, email address, and a plan of the area. This helps us assist you promptly and provide the best possible service.

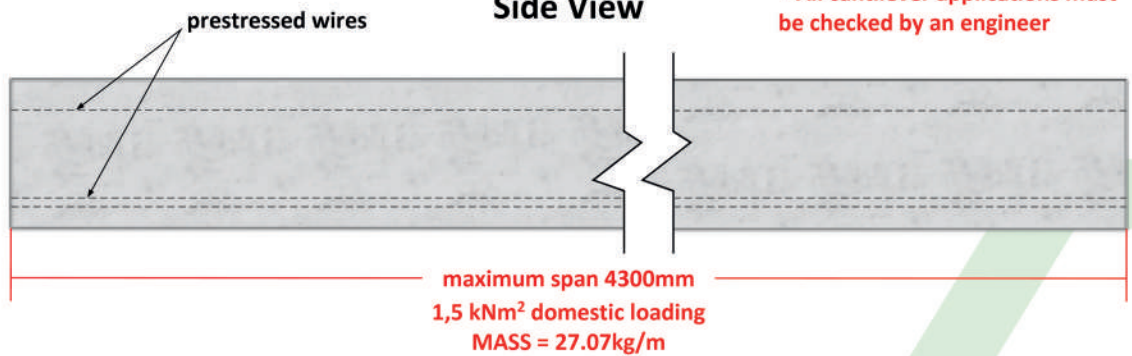
Windeck beams are pre-stressed concrete beams which are dimensioned in depth to coincide with 85mm brick coursing and in width are tapered from the bottom towards the top to allow for extraction from the mould. Beams must be laid with the narrow edge at the bottom, and the wide edge at the top to receive the Windeck tiles.

## DB170

### Front View



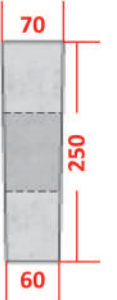
### Side View



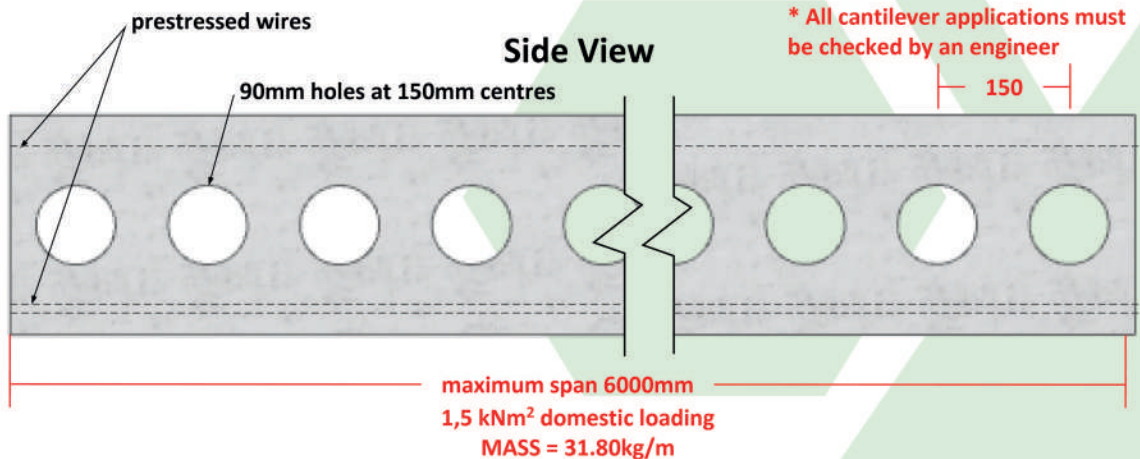
This beam is 170mm deep and designed to coincide with two brick courses. This beam weighs 27.07kg per meter which equates to 60.16kh/m<sup>2</sup> and is designed to span a maximum of 4400mm with domestic loading (1.5kN/m<sup>2</sup>). Total mass of Windeck floor including tiles equals 171.81kg/m<sup>2</sup>.

## DB250

### Front View



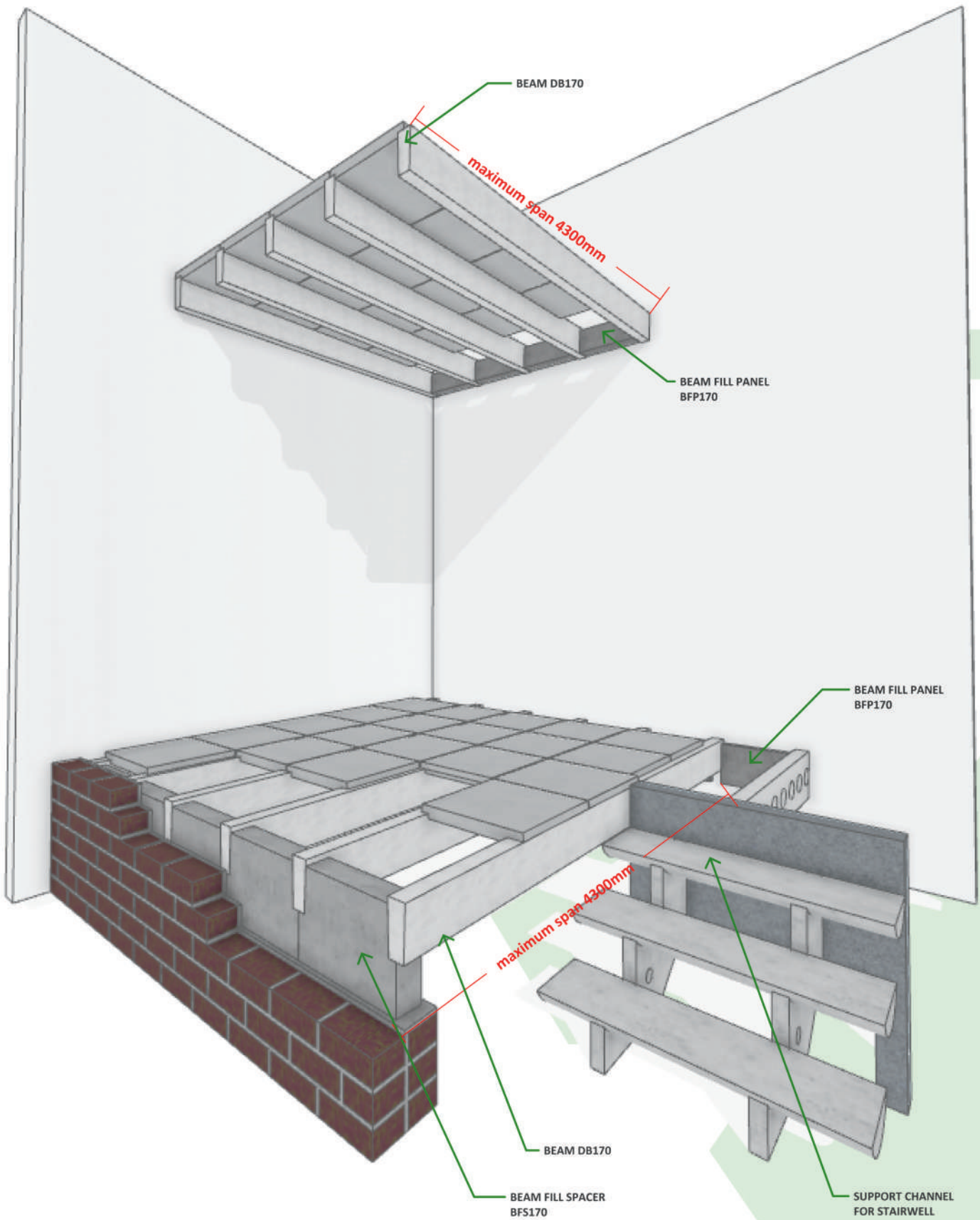
### Side View



This beam is 250mm deep and designed to coincide with three brick courses. It is perforated with 90mm diameter holes at 150mm centres to reduce mass and provide apertures for services and easy handling. This Beam weighs 31.08kg per meter which equates to 70.67kg/m<sup>2</sup> and is designed to span a maximum of 6050mm with domestic loading (1.5kN/m<sup>2</sup>). Total mass of Windeck floor including tiles equals 182.32kg/m<sup>2</sup>.

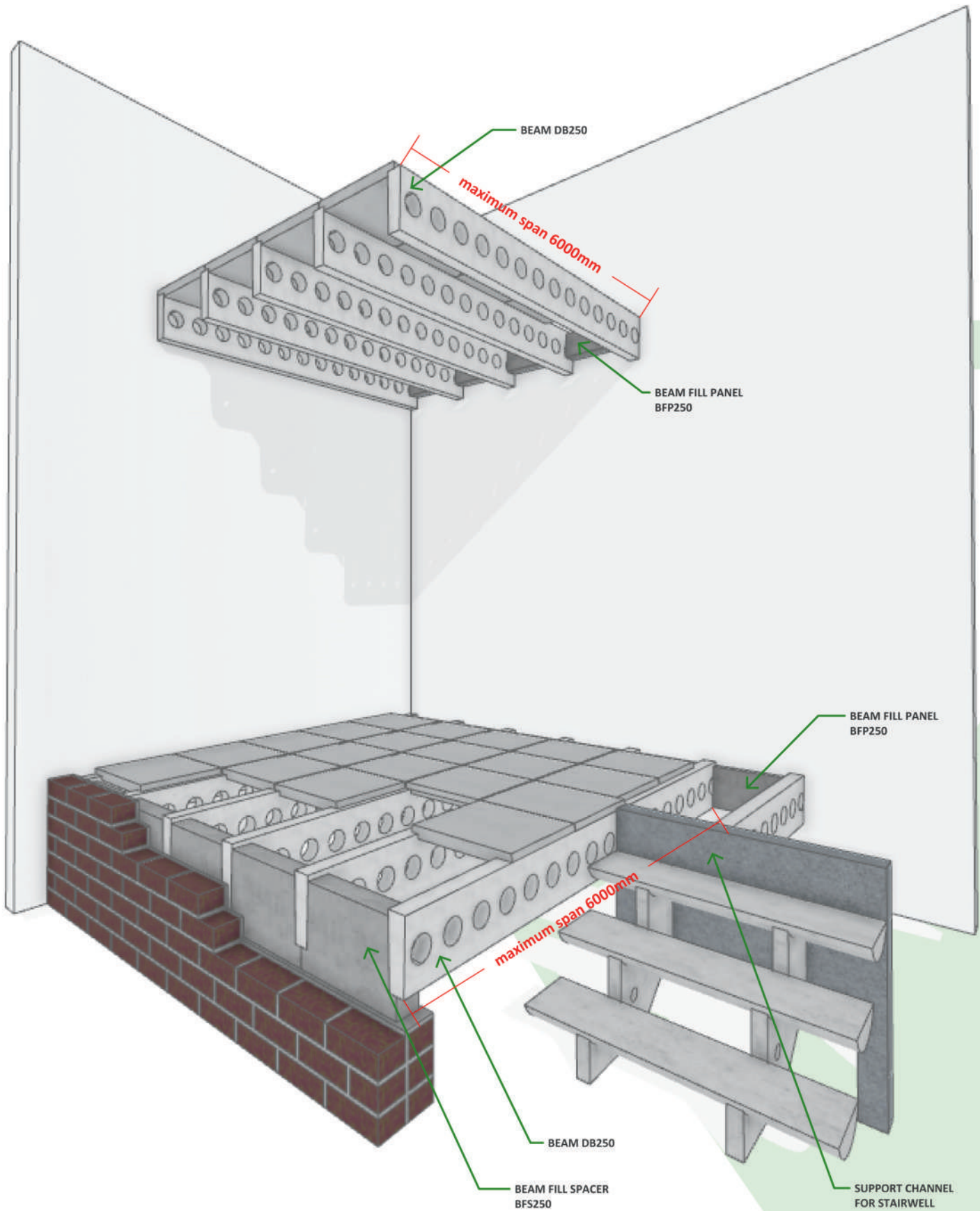
**Important Note:** To ensure an accurate and efficient quote, please provide all essential details when making a request. Kindly include your name, contact number, email address, and a plan of the area. This helps us assist you promptly and provide the best possible service.

# 3D EXAMPLE DB170



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# 3D EXAMPLE DB250



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