PRECAST SPECIFICATION REQUIREMENT	
Part 3 : Finishes Product – Hollow core slabs * BS EN 1168:2005	
No	**Item**
1	<u>Geometrical properties</u>

1a. Dimensional tolerances (maximum deviations)

(a) Slab depth, h

Take 6 measurement at one end of the slab (3 at core & 3 at web centre lines) Results = mean of 6 readings

SLAB DEPTH	TOLERANCES
$h \leq 150$ mm	-5 mm, +10 mm
150 mm < h < 250 mm	linear interpolation
$h \geq 250$ mm	± 15 mm

(b) Nominal minimum web thickness, b_w

Take measurements of the minimum thickness of each web at one end of slab Results = compare each individual & total sum

WEB THICKNESS	TOLERANCES
b_w individual	-10 mm
b_w total per slab	-20 mm

(c) Flange thickness, h_f
  (above & underneath cores)

Take 6 measurement at one end of the slab (3 at lower flange & 3 at upper flange) Results = compare each individual & mean
-10 mm, +15 mm

(d) Vertical position of reinforcement at tensile side
Results = compare each individual value and mean value per slab

    * Individual
      $h \leq 200$ mm   +10 mm
      200 mm < h < 250 mm   linear Interpolation
      $h \geq 250$ mm   ± 15 mm
    Mean value per slab   ± 7 mm

(e) Slab Length
Take 2 measurement (1 near each edge) Results = compare each individual value (f) Slab width

± 25 mm

(f) Slab Width

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	Take 1 measurement at one end of the slab where the cross-section is the widest ± 5 mm
2	Ends of element (splitting cracks) Measure the concrete cover
3	Drainage holes Accurate drilling
4	Concrete components marking Should comply with the drawings
5	Types of component storage (stacking, etc) As specified in the drawings
6	Position of symmetrical component in storage yard The face that will be uppermost when the members is in its correct position in the work shall be clearly identified