

# TECHNICAL DATA SHEET

PRODUCT: FOUNDATION BLOCK 300



Available as standard in a 7.3 N/mm<sup>2</sup> compressive strength.

CCP Foundation Blocks are produced using quality controlled 'Argex' product amalgamated with other high quality responsibly resourced natural aggregates, weighing approximately 18kg each.

CCP Foundation blocks offer the specifier a product that is durable, efficient and highly economical. Easier to construct within a trench than two skins of other block, CCP Foundation Blocks comply with HSE / CDM guidelines for single unit manual handling requirements. Specified for use below DPC, suitable for up to DS-3 soil conditions and foundations for three storey constructions.



ISO 45001  
Certified



<b>Compliance with EN1996-1</b>	Group 1
<b>Manufacturing Standard</b>	BS EN 771 – 3: 2011
<b>Tolerance Category</b>	D1
<b>Size</b>	215mm x 300mm x 215mm
<b>Meters per pack</b>	2.4m <sup>2</sup>
<b>Blocks per pack</b>	48
<b>Flatness</b>	NPD (See BS EN 771-3 sec 5.3.2.2)
<b>Plane Parallelism</b>	NPD
<b>Bulk dry material density</b>	1020-1180 kg/m <sup>3</sup>
<b>Dry Weight</b>	Approximately 18kg
<b>Compressive strengths</b>	7.3 N/mm <sup>2</sup>
<b>Thermal Conductivity (k Value)</b>	0.27 W/mK (215mm)
<b>Dry shrinkage</b>	Less than 0.06%
<b>Moisture movement</b>	≤ 0.5
<b>Water Absorption</b>	NPD
<b>Water Diffusion</b>	5/15 (EN 772-3 sec 5.8)
<b>Shear Bond Strength</b>	0.15 N/mm <sup>2</sup>
<b>Flexural bond strength</b>	NPD
<b>Acoustic Resistance (Single Leaf)</b>	NPD
<b>Reaction to Fire</b>	Euro class A1
<b>Durability to freeze / Thaw</b>	Recommend not to leave exposed

## CCP Building Products Ltd

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