

TECHNICAL DATA SHEET

PRODUCT: FOUNDATION BLOCK



Available as standard in a 7.3 N/mm² 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.

CCP recommend that due to natural variations in aggregates projects should source material from the same CCP site to ensure as far as is reasonably practicable the continuity of the textural finish and hue.



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

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