






Masterlite® Ultra is your go to aggregate block for detached dwellings and extensions, providing a lightweight versatile solution capable of supporting the thermal efficiency needs of the Future Homes Standard.

FEATURES & BENEFITS

-  Lightweight blocks for improved handling & faster installation
-  Supporting sustainable construction via thermal efficiency
-  Constructed without compromise

APPLICATIONS

- Suitable for detached dwellings and extensions
- Both our 3.6 N/mm² & 7.3 N/mm² blocks can be used above the Damp Proof Course (DPC)
- Our 7.3 N/mm² block can be used below the DPC
- Additionally our 7.3 N/mm² 100mm block can be used for beam & block flooring
- Suited to projects where a rendered or plastered finish will be utilised

COMPLIMENTARY PRODUCTS

- Star Performer Foundation

PRODUCT DATA

Size (mm) L x H x W	440 x 215 x 100	440 x 215 x 140
Mean Unit Strength (N/mm²)	3.6 & 7.3	
Net Dry Density (kg/m³)	1050	
Weight (kg)	10.23	14.32
Pack Size (m²)	9.0	6.0

TECHNICAL DATA

Dimensional Tolerance	D1	
Thermal Conductivity (W/mK)	Internal 0.31 External 0.34	
Sound Insulation (Rw dB)	40	42
Reaction to Fire EN 13501-1	Class A1	
Durability PD 6697:2019	3.6N - Not frost resistant 7.3N - Frost resistant	

SUSTAINABILITY & LOCAL SOURCING

Energy use and greenhouse gas emissions

Holcim UK is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year.

Recyclable

100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

Manufacturing location

Produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

Circular economy

We will maximise reuse and recycle, with zero waste to landfill. We improve resource efficiency through reuse, recovery and/or recycling of waste materials in our production processes. Plus, we minimise the generation of both hazardous and non-hazardous waste.

Responsible sourcing

Holcim UK was the first UK construction company to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

Holcim UK has achieved a 'Very Good' rating for major product groups. The BES 6001 standard assesses:

- ▶ Quality Management
- ▶ Environmental Management
- ▶ Health and Safety Management
- ▶ Greenhouse Gas Emissions
- ▶ Minimising Raw Material Usage
- ▶ Labour Practice
- ▶ Biodiversity
- ▶ Community Engagement

POLICIES

Holcim UK policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website www.holcim.co.uk.

COSHH DATA

Full COSHH data on the Holcim range of products is available on request. Please email building.products@holcim.co.uk

MANUFACTURING STANDARD

Masterlite Ultra is manufactured using a semi-dry process and is compliant to European Standard BS EN 771-3 and complies with Assessment and Verification of Constancy of Performance (AVCP) system 4, Category II masonry units.

TECHNICAL SUPPORT

Detailed guidance and assistance with the preparation of specification and use of the Holcim range of products is available through the sales office. A technical service is also available.

For further information, please refer to our technical services team on building.products@holcim.co.uk

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