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**3.6N BLOCK**  
**599 x 215 x 100mm**

## 3.6N/mm<sup>2</sup> Blocks 599 x 215 x 100mm

AAC masonry units category 1 for loadbearing and non-loadbearing masonry applications in all forms of walling including single leaf, cavity, partitions, retaining walls and basements.

### At a glance

Size:	100mm
Strength:	3.6 N/mm <sup>2</sup>
Thermal Conductivity:	0.16W/m.K
Density:	600kg/m <sup>3</sup>

- Faster, better build
- Bigger blocks = less joints
- Save on mortar cost/prep
- Cleaner site/less waste
- Easy to handle
- Energy efficient
- A warmer property
- Excellent fire safety
- Future proof your build

### KEY TECHNICAL DATA

#### size

Width:	100mm
Length:	599mm
Height:	215mm

#### tolerance category

Category	TLMB
Flatness	≤ 1.0mm
Plane parallelism	≤ 1.0mm

#### compressive strength

Mean	≥ 3,6 N/mm <sup>2</sup>
Category	1

#### dimensional stability

Conventional reference value	≤ 0.20 mm/m
Total value of drying shrinkage	≤ 0.40 mm/m

#### characteristic initial shear strength

With thin bed mortar	0.30 N/mm <sup>2</sup>
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#### water absorption

NPD

#### water vapour permeability

5/10

#### thermal conductivity

λ <sub>10,dry unit (90/90) to EN 1745</sub>	0.16W/m.K
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#### mean gross dry density

minimum	> 575kg/m <sup>3</sup>
maximum	≤ 625 kg/m <sup>3</sup>

#### reaction to fire

Euroclass A1

### Pack & load details

No.per pallet: 100 blocks

Pack Weight: 975kg

Pack Dimensions (mm):  
1200 x 1000 x 1175

Packs per lorry load: 28



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