



**call us:** 01430 432667  
**e:** [info@crest-bst.co.uk](mailto:info@crest-bst.co.uk)  
**visit:** [crest-bst.co.uk](http://crest-bst.co.uk)

**7.3N BLOCK**  
**600 x 140 x 300mm**

## 7.3N/mm<sup>2</sup> Blocks 600 x 140 x 300mm

AAC masonry units category 1 for loadbearing and non-loadbearing masonry walls, columns and partitions for both residential and industrial construction.

### At a glance

|                       |                      |
|-----------------------|----------------------|
| Size:                 | 300mm                |
| Strength:             | 7.3N/mm <sup>2</sup> |
| Thermal Conductivity: | 0.16W/m.K            |
| Density:              | 625kg/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:  | 300mm |
| Length: | 600mm |
| Height: | 140mm |

#### tolerance category

|                   |         |
|-------------------|---------|
| Category          | TLMA    |
| Flatness          | ≤ 1.0mm |
| Plane parallelism | ≤ 1.0mm |

#### compressive strength

|          |                         |
|----------|-------------------------|
| Mean     | ≥ 7,3 N/mm <sup>2</sup> |
| Category | 1                       |

#### dimensional stability

|  |           |
|--|-----------|
| Conventional reference value of drying shrinkage | ≤0.2 mm/m |
| Total value of drying shrinkage                  | ≤0.4 mm/m |

#### characteristic initial shear strength

|                      |                        |
|----------------------|------------------------|
| With thin bed mortar | 0.30 N/mm <sup>2</sup> |
|----------------------|------------------------|

#### water absorption

NPD

#### water vapour permeability

5/10

#### thermal conductivity

|  |           |
|--|-----------|
| λ <sub>10,dry unit (90/90)</sub><br>to EN 1745 | 0.16W/m.K |
|--|-----------|

#### mean gross dry density

|         |                         |
|---------|-------------------------|
| minimum | > 600kg/m <sup>3</sup>  |
| maximum | ≤ 650 kg/m <sup>3</sup> |

#### reaction to fire

Euroclass A1

**call us:** 01430 432667

**e:** [info@crest-bst.co.uk](mailto:info@crest-bst.co.uk)

**visit:** [crest-bst.co.uk](http://crest-bst.co.uk)