

Crest Bricks Technical Specifications & Standards

General Technical Information

TECHNICAL ELEMENTS OF BRICKS

All of our bricks meet the common EU standards which incorporates the old British standards BS EN 771-1.

ACTIVE SOLUBLE SALTS CONTENT

Most Crest Bricks are categorised as S2.

S2 products are suitable for brickwork subject to prolonged saturation, S1 is for normal exposure and S0 for completely protected walls (i.e. internal, rendered or clad walls).

Crest bricks meet European standards and are suitable for all styles of build.

WATER ABSORPTION

A test method has been developed involving a 24 hour soak in water. Some brick types may show an apparent change in water absorption with this new test method. The BS3921 five hour boil test is still used for Engineering and DPC (damp proof course) bricks.

Crest bricks meet latest European standards and are suitable for all styles of build.

DURABILITY

FREEZE/THAW RESISTANCE:

This is declared by the manufacturer with reference to suitability under passive, moderate or severe exposure to saturation and freezing.

Most Crest Bricks are coded as F2 (severe exposure). F2 is deemed frost resistant in all normal building situations when used in accordance with the appropriate Codes of Practice.

COMPRESSIVE STRENGTH

BS EN 771-1 states that the mean compressive strength of a product must be declared by the manufacturer. When tested, this must not fall below the strength stated by the manufacturer.

The compressive strength of a brick is recorded in N/mm².

All Crest bricks meet BS EN 771-1 standards and are suitable for all styles of build.



CREST BRICK DIMENSIONAL TOLERANCES (Mean Value)

10 bricks are placed in line and the total length then measured, this is then divided by 10 (the number of bricks) and the mean value for the size is calculated. The mean categories (T) under BS EN 771-1 for bricks with a nominal size of 215mm in length are:

T1 (+/- 6mm) is if the mean of the 10 bricks falls between a minimum of 209mm and a maximum of 221mm.

T2 (+/- 4mm) is if the mean of the 10 bricks falls between a minimum of 211mm and a maximum of 219mm.

CREST BRICK DIMENSIONAL TOLERANCES (Range Value)

10 individual bricks are again measured and the mean value for each is then calculated. The range categories (R) under BS EN 771-1 for bricks with a nominal size of 215mm in length are:

R1 if the difference between the smallest and largest brick in the pack or batch of 10 is no more than 9mm.

R2 if the difference between the smallest and largest brick in the pack or batch of 10 is no more than 4mm.

CREST BRICK INFO CARDS

Each Crest Brick has its own individual specification, which can be found on our website together with Brick Info Cards which can be downloaded in pdf format at the bottom of each brick type webpage.

You will find more details of our bricks, roofing tiles and blocks at the Crest Website; www.crest-bst.co.uk

