

## Specification and Standard Performance Sheet

### Standards

Tyrone Brick clay facing bricks are manufactured to the industry standard BS EN771-1:2003. BS Kite mark certification for each Product Type to this standard is also held. The company has a Quality Management System which is accredited to ISO 9001:2000.

### Product Description

Each brick type manufactured has an individual Product Data Sheet, which will quote the data specific to that product. Other BS EN 771-1:2003 Data Information which is common to all brick types is summarised in the table below.

#### *Other BS EN 771-1:2003 Information*

|                           |   |
|---------------------------|---|
| Thermal Conductivity      | P50=0.62W/m°C<br>P90=0.80W/m°C                                    |
| Initial Rate of Suction   | Range [0.5 – 0.9 kg/m <sup>2</sup> /min]<br><b>See Note below</b> |
| Water Vapour Permeability | 50 / 100  |
| Reaction to Fire          | A1  |
| Bond Strength             | 0.15 N/mm <sup>2</sup>  |
| Gross Density             | >1500 kg/m <sup>3</sup>   |

**Note: Initial Rate of Suction Guidance:**  
 [If in doubt - Consult Technical Services]

**Red Bodied bricks are quoted at 0.9**  
**Brown Bodied bricks are quoted at 0.5**

### Design Considerations:

At all times the British Standard “Code of Practice” for the use of masonry is covered in BS 5628: Part 3: 2005, should be followed. IS 325 Part 2 in ROI largely follows this standard.

### Brick Special Shapes:

Standard Special shapes are manufactured to BS4729:2005. It is possible to manufacture non standard shapes to the designer’s requirements. See the “Tyrone Brick Brochure”.

### Technical Service:

The company offers a full sales and technical service in the UK and Ireland.