

## **Specification KR & KRS Calcium Silicate Bricks**

### **Standards**

-KR calcium silicate facing bricks are manufactured to EN771-2 specifications for masonry units – Part 2: Calcium silicate masonry units

-KRS facing bricks are manufactured to BSEN771-3 specifications for masonry units

### **Brick size**

215mm x102.5mm x 65mm

### **Compressive strength**

Calcium Silicate KR Bricks are manufactured to a minimum of class 30 for compressive strength, but they are often significantly higher.

### **Density**

(kg/m<sup>3</sup>) 1750 – 1950

### **Average water absorption**

12%

### **Durability**

Calcium silicate bricks are resistant to sulphates in soils and ground waters, chlorides, organic growths, atmospheric pollution, coastal environment and frost action. They contain negligible soluble salts and are therefore free from efflorescence. They can be considered equivalent to FL quality clay bricks and are also tolerant of chlorine atmospheres e.g swimming pool buildings.

### **Additional Information**

KR Bricks are shrink wrapped and palletised in packs of 336 onto disposable pallet.

Calcium silicate bricks have been shown by test and practical experience to be suitable in all masonry configurations designed to meet the appropriate Building Regulations for sound insulation, thermal insulation and fire resistance.

KRS Bricks are wrapped and palletised in packs of 400 onto disposable pallet.