

FLORENTINE AND VENEZIA SPECIFICATION

MEAN COMPRESSIVE STRENGTH (AIR DRY)

Solid: 17.5 N/mm²
Hollow/cellular: 10.4 N/mm²

NET DRY DENSITY*: 2100 kg/m³

*For Gross Dry Densities, please refer to Table 3 in the Forticrete Masonry Design Guide

MANUFACTURING TOLERANCE

D1
length +2,-2mm
width +1,-3mm
height +2,-2mm

CATEGORY: I

THERMAL PROPERTIES

as CIBSE Guide A table 3.1:

Protected: 1.46 W/mK
Exposed: 1.56 W/mK

DURABILITY:

see table 12: BS 5628- 3:2005

WATER ABSORPTION:

<75 g/m²/s^{0.5}

MOISTURE MOVEMENT:

<0.45mm/m

WATER VAPOUR PERMEABILITY:

(tabulated from EN 1745): 5/15 μ

REACTION TO FIRE:

Euroclass A1

SHEAR BOND STRENGTH:

(tabulated from EN 998-2:2003 Annex C)
0.15 N/mm²

CONFIGURATION

to EN 1996-1-1

Solid: Group 1
Hollow/Cellular Group 2

AIR LEAKAGE: <3.5m³/hr/m²