

# MEDICI® SPECIFICATION

## MEAN COMPRESSIVE STRENGTH (AIR DRY)

Solid: 35 N/mm<sup>2</sup>

**NET DRY DENSITY:** 2400 kg/m<sup>3</sup>

**GROSS DRY DENSITY:** 2300 kg/m<sup>3</sup>

## MANUFACTURING TOLERANCE:

D1

length +2,-2mm

width +1,-3mm

height +2,-2mm

**CATEGORY:** I

## THERMAL PROPERTIES

as CIBSE Guide A table 3.1:

Protected: 1.75 W/mK

Exposed: 1.87 W/mK

## DURABILITY:

see table 12: BS 5628- 3:2005

## WATER ABSORPTION:

<15 g/m<sup>2</sup>/s<sup>0.5</sup>

## MOISTURE MOVEMENT:

<0.25mm/m

## WATER VAPOUR PERMEABILITY:

(tabulated from EN 1745): 50/150 μ

## REACTION TO FIRE:

Euroclass A1

## SHEAR BOND STRENGTH:

(tabulated from EN 998-2:2003 Annex C)

0.15 N/mm<sup>2</sup>

## CONFIGURATION

to EN 1996-1-1: Group 1

**AIR LEAKAGE:** <1.03m<sup>3</sup>/hr/m<sup>2</sup>