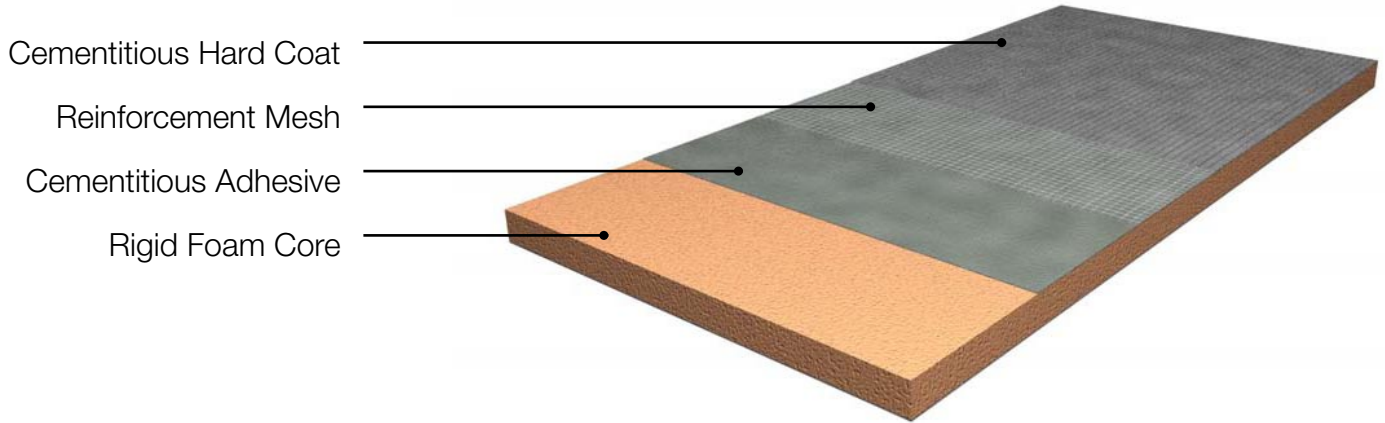




GOSS Thermal Board Construction



| Thickness | Width | Length | Weight | U-Value (W/m2K) |
|-----------|-------|--------------|--------------|-----------------|
| 6 | 600 | 1200 | 2.36 | 4.5 |
| 10 | 600 | 1200 or 2400 | 2.37 or 4.74 | 2.70 |
| 12.5 | 600 | 1200 or 2400 | 2.42 or 4.84 | 2.16 |
| 20 | 600 | 1200 or 2400 | 2.59 or 5.18 | 1.35 |
| 30 | 600 | 1200 or 2400 | 2.81 or 5.62 | 0.90 |
| 40 | 600 | 1200 or 2400 | 3.03 or 6.06 | 0.67 |
| 50 | 600 | 1200 or 2400 | 3.25 or 6.50 | 0.54 |
| 60 | 600 | 1200 or 2400 | 3.47 or 6.94 | 0.45 |
| 70 | 600 | 1200 or 2400 | 3.69 or 7.38 | 0.39 |

| Properties | Unit | Value |
|---|---|----------|
| Compressive Strength | Kpa | 300 |
| Thermal Conductivity to BS874 | W/Mk | 0.027 |
| Thermal Conductivity to BSEN 13164 5years | W/Mk | 0.031 |
| Water Absorption | % by volume | 0.20 |
| Density | Kg m3 | 36 |
| Flexural Strength (Transverse) | Kpa | 600 |
| Flexural Strength (Longitudinal) | Kpa | 700 |
| Temperature Range | Deg C | -50, +75 |
| Fire Performance | BS 476 part 6,7 Surface spread of flames | Class 0 |

