

DECLARATION OF PERFORMANCE

No13-SC-B05



Product Type/Identification: 3.6 Fibotherm
Intended Use: in walls, columns & partitions
Manufacturer: Stowell Concrete Ltd

Arnolds Way
Yatton

North Somerset BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
AVCP: System 4
Harmonised Standard: EN771-3:2011
ETA: Not relevant
Declared Performance:

| Essential Characteristics | | Performance | Harmonised Technical Specification |
|----------------------------------|--|--|------------------------------------|
| Dimensions | Length | 440mm | EN771-3:2011 |
| | Widths | 75mm | |
| | | 100mm | |
| | | 140mm | |
| | | 190mm | |
| Height | 215mm | | |
| Tolerance category | | D1 | |
| Configuration | Shape and features | Solid | |
| | Group according to EN 1996-1-1 (EC6) | Group 1 | |
| Compressive strength | Mean compressive strength | 3.6N/mm ² | |
| | Direction of load | Perpendicular to bed faces | |
| | Unit category | Category II | |
| Dimensional stability | | <0.8mm/m | |
| Bond strength | Shear bond strength | 0.15N/mm ² Tabulated value | |
| | Flexural bond strength | NPD | |
| Reaction to fire | | A1 | |
| Water absorption | | <9g/m ² /s | |
| Water vapour permeability | | 5/15 Tabulated value | |
| Direct airborne sound Insulation | Gross density | 850kg/m ³ | |
| | Configuration; dimensions and tolerances | See configuration | |
| Thermal conductivity | | 0.24 (λ _{10, dry unit}) W/mK | |
| Durability against freeze thaw | | Not to be left exposed | |
| Dangerous substances | | NPD | |

This declaration of performance is issued under the sole responsibility of the manufacturer above.
Signed on behalf of Stowell Concrete Ltd:

Vincent Stowell
Managing Director 1st July 2013.