

# Technical Datasheet: T&G Cement Fibre Dry Screed

## Description

Cemgold Dry Screed boards are 100% asbestos free fibre cement board. Made from a homogeneous Portland cement and high purity silica sand with reinforcing fibre. The boards are a very strong and durable with superior physical and mechanical properties.

Cemgold Dry Screed Board offer a perfect board for floor substrates on metal, timber structures and concrete floors to give a perfect smooth and level finish in place of traditional wet screed. The boards can be safely installed to take temporary and permanent loads, as replacements for traditional timber floorboards such as plywood and chipboard.

The floor can be finished with all floor coverings from tiles to carpet and the detailed tongue and groove joint edges ensure a perfect solid tight joint every time from a handy sized 1200mm x 600mm panel.



## Applications

- New Build
- Refurb
- Modular construction
- Concrete floors

## Boards Size and weight

|                          |        |         |
|--------------------------|--------|---------|
| Thickness                | 18mm   | 22mm    |
| Weight                   | 21kg   | 25kg    |
| Weigh per m <sup>2</sup> | 21.9kg | 34.72kg |
| Width                    | 600mm  | 600mm   |
| Length                   | 1200mm | 1200mm  |

## Physical & Chemical Properties

|                                |                                    |
|--------------------------------|------------------------------------|
| Coverage                       | 0.72m <sup>2</sup>                 |
| Density                        | 1350 kg/m <sup>3</sup> (+/- 50kg ) |
| Compressive strength           | 15N/mm <sup>2</sup>                |
| Tensile Strength Parallel      | 4.0N/mm <sup>2</sup>               |
| Tensile Strength Perpendicular | 0.5N/mm <sup>2</sup>               |
| Modulus of Elasticity          | 4500N/mm <sup>2</sup>              |
| Uniform distributed load       | 3.90kN/m <sup>2</sup>              |
| Continuous load                | 1.55kN                             |
| Maximum span                   | 600mm                              |

Timber frame | Modular construction | Concrete floors

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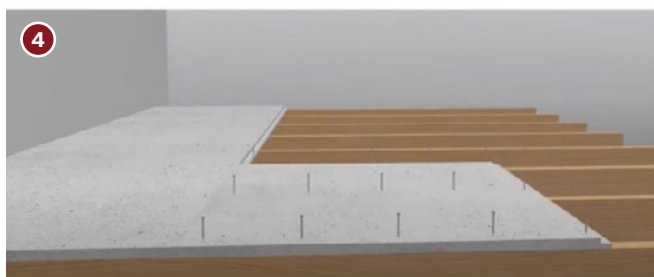
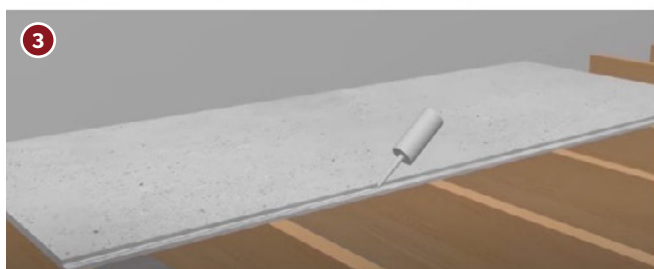
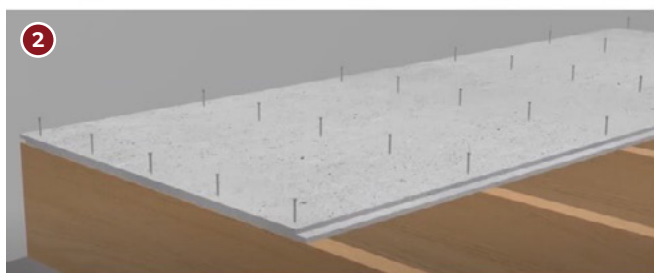
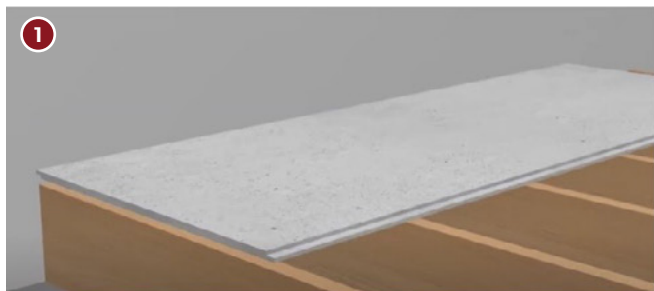
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# CEMGOLD

## DRY SCREED

THE NEXT LEVEL  
OF FLOORING



1. Boards to be laid flat on the Joists Cemgold is suitable for both timber and LGS joists
2. Boards to be screwed at same centres as joists, 600mm maximum
3. A bead of IPP flooring adhesive to be applied to the long tongue of the board before joining the next board
4. Board to be continued in a staggered brick bond style and fixed as per above
5. Minimum 45mm screw for timber joists

### Note:

- Concentrated load is applied over an area of 300mm x 300mm.
- Allowable maximum deflection is limited to  $l/250$  of joist spacing.

### Fire Performance:

- BS EN476 PART 6 CLASS O
- BS EN476 PART 7 CLASS 1
- EN13501-1 A1 NON-COMBUSTIBLE

### Screw Withdrawal:

- 1395N +/- 50 (BS EN 14566: 2008 & A1: 2009)



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