

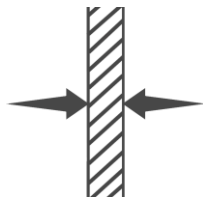


# Cement Board

## Installation Guide



Water  
Resistant



Thin  
Profile



Strong  
Build



Quick & Easy  
Installation



Non-  
Combustible

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### Asbestos Free Fibre Cement Board

A design smart and cost-effective choice for a professional finish

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[www.ceramicaimpex.co.uk](http://www.ceramicaimpex.co.uk)  
[info@ceramicaimpex.co.uk](mailto:info@ceramicaimpex.co.uk)  
0113 265 5626

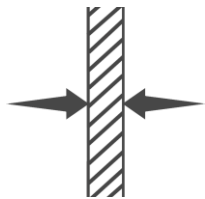
# Why should you choose Cement Board?

CB6 Cement Boards are designed to improve insulation and create a stable, solid and waterproof base for tiling.

Quick to install with a fire-retardant surface, Cement Board is a long lasting and durable way of preparing both floor and wall substrates with ease.



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- Creates an even, dimensionally stable surface for tiling.
- Doesn't suffer from lateral movement (expansion / contraction) in the same way other materials do.
- A great insulator, perfect for laying underfloor heating over.
- High Impact Resistance – Shockproof.
- Moisture Resistant – Ideal for wet rooms.
- Mould Resistant.
- Fire Resistant.
- Easy to cut and install.
- Time effective installation.
- Can be painted.
- Suitable for use on both wall & floor.

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Tel: 0113 265 5626

Lines open: Monday-Friday 9am-5pm

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**Always wear the appropriate PPE when installing.**



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# How To: Cutting Boards

1. Measure and mark where you wish to cut your board. Score along the line with a scoring knife.
2. Lay the board over a snapping block and apply pressure on both sides to break along the scored line.
3. For curves and shapes, use tile nippers to nibble along the marked lines.



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# How To: Wood Floors

1.  
Remove all existing floor coverings and screw down any loose boards to provide a clear, level surface.
2.  
Sweep the floor clean of any debris, dust and dirt.
3.  
Using adhesive, run a bead around the back of the board. Add two additional beads down the centre of the board.
4.  
Position screws 25mm from the edge and screw the boards down firmly. We recommend using 15 screws per board to secure in place.
5.  
As you lay the boards, stagger the joints where possible. Apply a bead of adhesive to edge of each board to help seal and reinforce the joints.
6.  
Wipe away excess adhesive using a cloth. In case of spillage – use solvents.
7.  
Dilute tiler's primer as per the manufacturer's instructions and apply to the surface of the boards with a roller. If you are installing underfloor heating, apply two coats to help reflect heat into the room.

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# How To: Solid Floors

1.  
Remove all existing floor coverings and sweep the floor clean of any debris, dust and dirt.
2.  
Dilute tiler's primer as per the manufacturer's instructions and apply to the floor with a roller.
3.  
Using the same primer mix, prime both sides of the cement board.
4.  
We recommend applying cement board to the floor using an S2 single part flexible rapid set adhesive. As you lay the boards, stagger the joints where possible.
5.  
Apply a bead of adhesive to edge of each board to help seal and reinforce the joints. Wipe away excess adhesive using a cloth. In case of spillage – use solvents.
6.  
Cement board can straddle both solid and wood flooring surfaces, so long as they are level. Follow the advice on page 5 for fixing cement board to wood floors.  
If the boards straddle wooden floors, position screws 25mm from the edge and screw the boards down firmly.

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# How To: Solid Walls

1.  
Remove all existing wall coverings. Dilute tiler's primer as per the manufacturer's instructions and apply to the wall with a roller.
2.  
Using the same primer mix, prime both sides of the cement board.
3.  
We recommend applying cement board to the wall using an S2 single part flexible rapid set adhesive. Apply the adhesive to the back of the board using a dot and dab technique.
4.  
Apply the cement boards to the wall by pressing the board firmly into the adhesive.
5.  
Apply a bead of adhesive to edge of each board to help seal and reinforce the joints. As you apply more boards, stagger the joints where possible. Keep the boards level and flat throughout.
6.  
Wipe away excess adhesive using a cloth. In case of spillage – use solvents.

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# How To: Wet Rooms

1.

Remove all existing surface coverings. Position the wet room shower tray, then place your boards around the tray to plan the best fit.

2.

If you are installing cement board on a wood floor, follow the advice on page 5.

If you are installing cement board on a solid floor, follow the advice on page 6.

3.

Apply a bead of adhesive to the edge of the shower tray and each board to help seal and reinforce the joints. Stagger the joints as you lay each board.

4.

Use a tanking kit to bond all the joints and ensure these are fully waterproof. Apply the polymer adhesive with a roller between the joints and allow to dry tacky – usually after a couple of minutes.

5.

Apply the tanking tape and press down firmly to secure. Use a roller with extra polymer adhesive on top of the tape to finalise the seal. Be sure that all joints are sealed before tiling.

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# Primer, Adhesive & Grout

## Available from us

### Primer:

|       |                       |
|-------|-----------------------|
| 47-20 | 1LT Tiler's Primer    |
| 55-42 | 5LT Grit-Prime Primer |
| 47-30 | 5LT Tiler's Primer    |

### Adhesive:

|     |                             |
|-----|-----------------------------|
| 7-4 | 295ml Grab and Fix Adhesive |
| 4-8 | 1LT PVA Adhesive            |

### Grout:

|       |                                       |                                                                                       |
|-------|---------------------------------------|---------------------------------------------------------------------------------------|
| 71-15 | 3KG Colour Lock Grout Sterling Silver |    |
| 71-14 | 3KG Colour Lock Grout Natural Grey    |    |
| 71-24 | 3KG Colour Lock Grout Silver Shadow   |    |
| 71-3  | 3KG Colour Lock Grout Bright White    |  |
| 71-20 | 3KG Colour Lock Grout Antique         |  |
| 71-19 | 3KG Colour Lock Grout Latte           |  |
| 71-18 | 3KG Colour Lock Grout Parchment       |  |
| 71-17 | 3KG Colour Lock Grout Mocha           |  |
| 71-16 | 3KG Colour Lock Grout Platinum        |  |
| 71-13 | 3KG Colour Lock Grout Raven           |  |
| 71-12 | 3KG Colour Lock Grout Midnight Black  |  |
| 71-21 | 3KG Colour Lock Grout Silk            |  |
| 46-27 | 3KG Anti-Mould Grout Gun Grey         |  |
| 46-15 | 3KG Anti-Mould Grout Silver Grey      |  |

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# Technical Data

**Product type:**

NON-ASBESTOS FIBRE CEMENT BOARD

**Size:**

600x1200x6mm

**Intended use(s):**

BUILDING MATERIAL FOR USE INDOOR AND OUT

| Test                                                              | Method                                                                                           | Performance             |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------|
| Apparent Density                                                  | AS/NZS 2908.2;2000 Section 8.1.2.2                                                               | 1.4g/cm / PASS          |
| Tolerance On Length, Width,<br>And Thickness                      | AS/NZS 2908.2;2000 Section 8.1.2.2 &<br>8.1.1.3                                                  | WITHIN TOLERANCE / PASS |
| Bending Strength                                                  | AS/NZS 2908.2;2000 Section 8.1.2.2 &<br>Client’s Requirement                                     | 14.4MPa / PASS          |
| Presence Of Asbestos                                              | With Reference to NIOSH 9000:2015 /<br>ISO 22262-1:20120, Analysis was<br>Performed by XRD / PLM | NEGATIVE                |
| Fire Tests On Building<br>Materials, Components<br>And Structures | AS 1530.1-1994 R2016 Part1                                                                       | NON-COMBUSTIBLE / PASS  |

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**Test Item 1:** Apparent Density**Test Method:** AS/NZS 2908.2.2000 Section 8.1.2.2**Test Condition:**

Immerse in water at 22°C for 48h, Dry in an oven at 105±5 °C for 24h

**Test Results:****Apparent Density:** 1.44g/cm<sup>3</sup>**Client's Requirement:** 1.4-1.5g/cm**Conclusion:** Pass**Test Item 2:** Tolerance on Length, Width and Thickness**Test Method:** AS/NZS 2908.2.2000 Section 8.1.1.2 & 8.1.1.3**Test Condition:**

Specimen nominal dimensions: 2440mmx1220mmx6mm

**Test Results:**

| Test      | Method                                | Requirement in AS/NZS<br>2908.2:2000 Section 5.1.3 | Performance |
|-----------|---------------------------------------|----------------------------------------------------|-------------|
| Length    | Average:2438.0mm<br>Deviation: -2.0mm | D>1600mm: +8mm<br><br>1000mm<d<1600mm: +0.5%       | PASS        |
| Width     | Average:1220.0mm<br>Deviation: 0mm    |                                                    | PASS        |
| Thickness | Average:5.90mm<br>Deviation: 0.1mm    | E<6mm: +0.6mm<br><br>E>6mm: +10%                   | PASS        |

**Test Item 1:** Bending Strength**Test Method:** AS/NZS 2908.2.2000 Section 8.1.2.1 and Client's requirement**Test Condition:****Sample classification:** Type B**Conditioning:** (23±5) °C, (50±10)%RH for 7 days**Specimen dimensions:** 150mmx150mmx5.8mm**Test Span:** 215mm**Testing speed:** 5mm/min**Test Results:**

| Test             | Test Result | Requirement | Performance |
|------------------|-------------|-------------|-------------|
| Bending Strength | 14.MPa      | >10MPa      | PASS        |

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**Test Item 4:** Asbestos

**Test Method:** With reference to NIOSH 9000:2015 / ISO 22262-1:2012, Analysis was performed by XRD / PLM.

**Test Result:**

| Test(s)       | CAS NO.                    | Unit    | MDL | 001      |
|---------------|----------------------------|---------|-----|----------|
| Chrysotile    | 12001-29-5/13220<br>7-32-0 | % (m/m) | 0.1 | Negative |
| Amosite       | 12172-73-5                 | % (m/m) | 0.1 | Negative |
| Crocidolite   | 12001-28-4                 | % (m/m) | 0.1 | Negative |
| Anthophyllite | 77536-67-5                 | % (m/m) | 0.1 | Negative |
| Tremolite     | 77536-68-6                 | % (m/m) | 0.1 | Negative |
| Actinolite    | 77536-66-4                 | % (m/m) | 0.1 | Negative |

**Remarks:**

1- 1mg/kg = 1ppm = 0.0001%

2- MDL = Method Detection Limit

3- ND = Not Detected (< MDL)

4- “-” = Not Regulated

5- Negative means the absence of asbestos, Positive means the presence of asbestos.

**Test Item 5:** Fire tests on building materials , components and structures**Test Conducted:**

This test is conducted in accordance with AS 1530.1-1994 R2016 Methods for fire tests on building materials, components and Part1: Combustibility test for materials

**Sample description:**

|                              |                               |
|------------------------------|-------------------------------|
| Thickness of Single Specimen | About 6mm                     |
| Specimen Size                | Diameter: 45.0mm; Height: 6mm |

**Remark:** Tested specimen consisted of 8 layers of provided sample.

**Conditioning:**

|                  |         |
|------------------|---------|
| Oven Temperature | (6+5)°C |
| Duration         | 24h     |

**Remark:** The Specimen shall be conditioned in a ventilated oven maintained at (60 +5)°C for between 20h and 24h and cooled to ambient temperature in a desiccator prior to testing.

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Our decades of experience in the tile industry means we can identify and recommend the right products for your business, selected from our diverse portfolio and covering “good, better, best” price points.

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Victoria Industrial Park  
Victoria Road  
Leeds LS14 2LA  
Tel: 0113 265 5626  
Email: [info@ceramicaimpex.co.uk](mailto:info@ceramicaimpex.co.uk)