

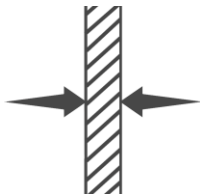


Cement Board

Installation Guide



Water
Resistant



Thin
Profile



Strong
Build



Quick & Easy
Installation



Non-
Combustible

Asbestos Free Fibre Cement Board

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

www.ceramicimpex.co.uk
info@ceramicimpex.co.uk
0113 265 5626

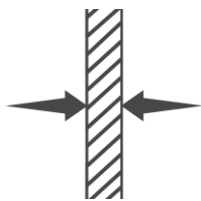
Why should you choose Cement Board?

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.

For sales or advice on installation

Email: info@ceramicaimpex.co.uk

Tel: 01132655626

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, And Thickness	AS/NZS 2908.2;2000 Section 8.1.2.2 & 8.1.1.3	WITHIN TOLERANCE / PASS
Bending Strength	AS/NZS 2908.2;2000 Section 8.1.2.2 & Client's Requirement	14.4MPa / PASS
Presence Of Asbestos	With Reference to NIOSH 9000:2015 / ISO 22262-1:20120, Analysis was Performed by XRD / PLM	NEGATIVE
Fire Tests On Building Materials, Components 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/cm³**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 2908.2:2000 Section 5.1.3	Performance
Length	Average:2438.0mm Deviation: -2.0mm	D>1600mm: +8mm 1000mm<d<1600mm: +0.5%	PASS
Width	Average:1220.0mm Deviation: 0mm		PASS
Thickness	Average:5.90mm Deviation:0.1mm	E<6mm: +0.6mm 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 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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Ceramica Impex

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.

For our new digital brochure please email:
info@ceramicaimpex.co.uk

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