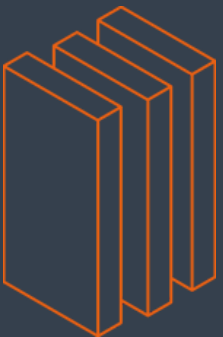


TechBoard™

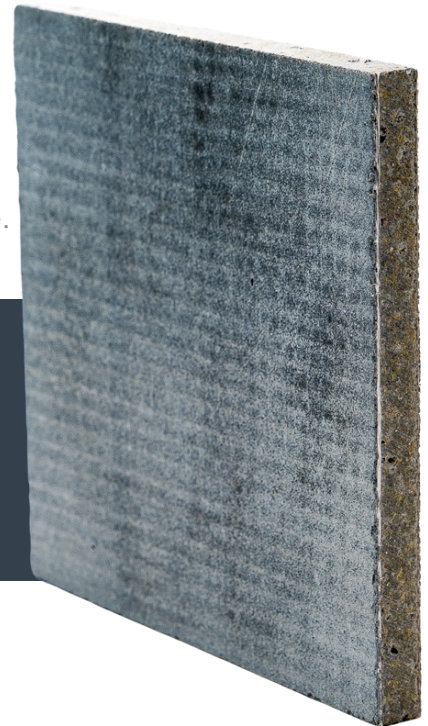
Product Sheet



ZS² TechBoard™

Sheathing & Backer Board

Our magnesium cement board is based on ZS2's proprietary material science. TechBoard is both climate resilient and environmentally responsible without compromising on performance.

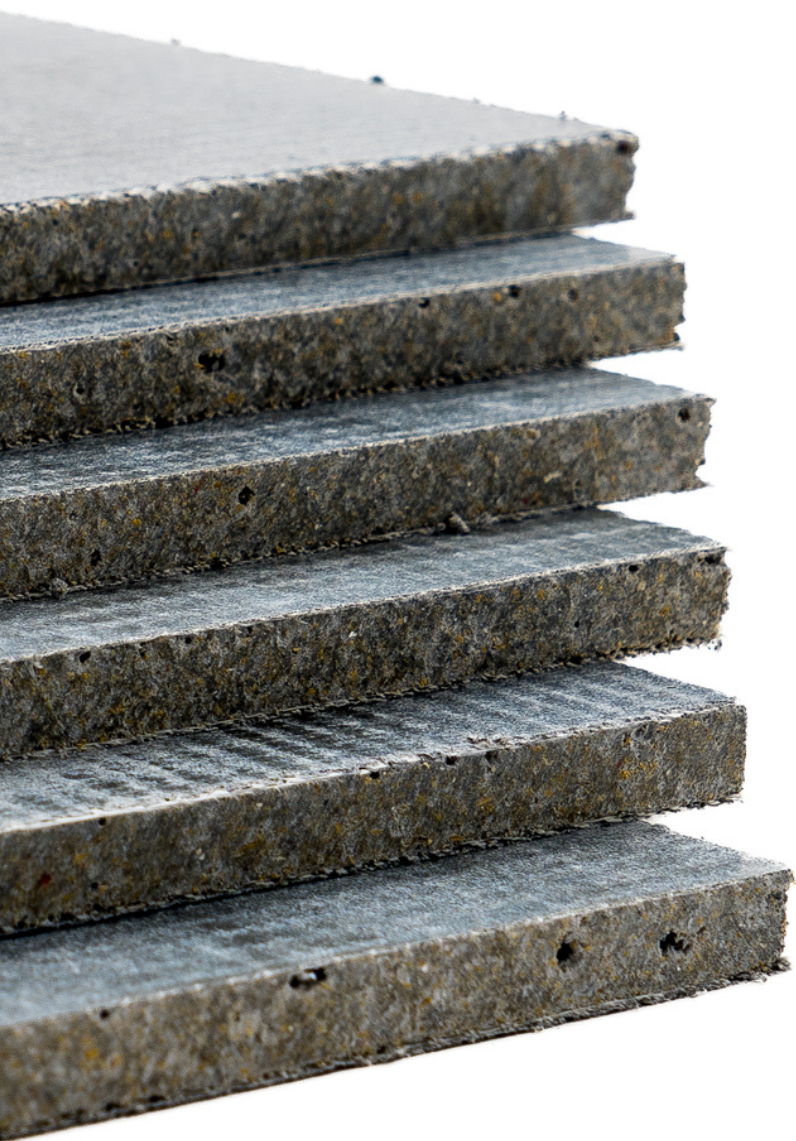


Common Uses

- Interior and exterior sheathing
- Fire-rated walls
- Ceilings
- Subfloor
- Tile backerboard
- Clean rooms
- Basements
- Greenhouses
- Food processing facilities

How We Stack Up

	ZS ² TechBoard™	Standard MgO Board	OSB Board
Water Resistance	TechBoard is more stable in wet conditions resulting in better freeze thaw tests and wet dry cycle tests.	Soluble in wet conditions, leaching salts causing corrosion.	Overtime will absorb water and rot away.
Chlorides	TechBoard uses sulphate salt instead of chloride salts resulting in near-zero chloride content.	Contains chloride salts that are 35x more corrosive than sulphate salts.	Does not contain any chlorides
Strength	Four layers of fibreglass mesh creates a stronger, more resilient board.	Only two layers of fibreglass mesh used.	Overlapping wood fibres covered in adhesive create a very strong wood product.
Fire Rating	Fire rating with zero flame spread and no smoke.	Fire rating with zero flame spread and no smoke.	N/A



**Fire
Resistant**



**Climate
Resilient**



**Carbon
Reduction**



**Water
Resistant**



Economical



**Speed & Ease
of Install**



**Bacteria
Resistant**





Sheathing & Backer Board

1 . PRODUCT NAME

TechBoard™

2. MANUFACTURER

ZS2 Technologies
9128 52nd Street SE
Calgary, AB T2C 5A9

587.208.4972

www.zs2technologies.com

info@zs2technologies.com

3. PRODUCT DESCRIPTION

TechBoard is a proprietary, magnesium cement Board designed for use as a substrate for sheathing and backer board.

4. USES

- i. Interior Wall Sheathing for Wet Rated Areas, Tile Backer Board for Wet Rated Areas
- ii. Suitable for Direct Tiling, Primer Adhesive, Thinset Mortar, Joint Compound (or similar)
- iii. Bathrooms/Laundry rooms, Kitchens and A/C closets, Gyms, Restaurants and Spas

5. ADVANTAGES

- Fire Resistant
- Water Resistant
- Mold Resistant
- Corrosion Resistant
- Near Zero Chlorides
- Dimensional Stability

6. STANDARD DIMENSIONS

- 4 ft. x 8 ft. x 1/4 in.
- 4 ft. x 8 ft. x 1/2 in.
- 4 ft. x 9 ft. x 1/2 in.
- 4 ft. x 10 ft. x 1/2 in.

7. TESTING STANDARDS

TechBoard™ has been tested for Density, Surface Burning, Flexural Strength, Durability, Silica, Asbestos, Formaldehyde, Water Absorption, Fastener Pull, Freeze Thaw Resistance, Corrosion Resistance, Mold Resistance, Non-Combustibility, Chloride Content, Humidity Deflection, Expansion (Dry to Wet), Manufacturing Tolerance, UL Fire Ratings.board. Testing evidence is available upon request.

ZS2 technologies has completed significant third party testing to confirm and prove the ability of our board. Testing evidence is available upon request.

8. INSTALLATION

Installation best practices have been produced by ZS2 technologies for all special construction area requirements and can be found at www.zs2technologies.com.

9. FASTENERS

Due to the sulfate presence in the MgO board, the use of corrosive resistant fasteners is recommended. Refer to ZS2 TechBoard Installation Best Practices for details.

**HAVE A PROJECT IN
MIND? GET IN
TOUCH.**

zs2technologies.com
info@zs2technologies.com

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**MANUFACTURED IN
NORTH AMERICA**

Through prefabricated construction technologies, combined with advances in material science, it's time to improve safety, close the productivity gap, increase building performance, and build for the future.