

ZS² TechClad™

TechClad is a premanufactured, custom designed, sustainable building system that create's a superior building envelope for new builds and retrofits. It is a magnesium oxide sulfate cement-based building and structural board that is non-combustible, has zero flame spread, anti-mold and bacteria resistant, high strength and impact resistant, water resistant and VOC free.

Benefits of TechClad

TechClad is the stand-alone, high-performance sheathing for exterior and can be finished with a variety of coatings and materials such as water/vapour barrier, cladding and paint.

- Eliminates thermal bridging
- Impervious to mold
- Modify/cut onsite
- Retrofit over existing structure
- Reduction in operating costs
- Low transport costs
- Custom thickness

Our magnesium oxide sulfate cement-based building and structural board is high strength, impact resistant, water resistant and VOC free. And unlike other Cladding system our's is non-combustible with zero flame spread, anti-mold and baterial resistant, and won't corrode over time.

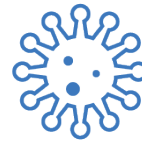




**Fire
Resistant**



**Proprietary
Formulation**



**Mold
Resistant**



**Weather
Resistant**



**Water
Resistant**



**CO₂
Reduction**



**Time
Saving**



Sustainable



Stronger



Economical

SCREW POWER DRIVE CAUTION:
SET THE POWER DRIVE TORQUE SO THAT THE FASTENER IS
DRIVEN JUST PAST FLUSH WITH THE PANEL SURFACE. **DO NOT**
PENETRATE ENTIRELY THROUGH THE TECHBOARD FACE.
FASTENING TO STEEL FRAMING STRUCTURE, **DO NOT** OVER
FORCE PENETRATION (BEND) INTO STEEL.

TYPICAL STEEL FRAMING,
SIZE and GAUGE as
REQUIRED, SUPPLIED
by OTHERS

RECOMMEND
STRUCTURAL
ADHESIVE
3/8" BEAD

EXPANSION
FOAM SEALANT

TYPICAL 1/8" EXPANSION
JOINT GAP

TYPICAL 2 3/4" TECHCLADDING,
1/4" TECHBOARD, 2" TYPE 2 EPS,
1/2" TECHBOARD (OUTSIDE)

FASTEN on EACH SIDE
PASLODE NAIL 2 - 1/2" L
x 0.131" DIA. SMOOTH
SHANK at 4" o.c. and
3/8" BEAD ADHESIVE
or 15 ga. 1 1/2 STAPLES
@ 3" o.c.

**MADE IN
NORTH AMERICA**

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**CONTACT US
FOR A QUOTE**

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.