

Want to build "GREEN" and durable with a proven system?

GREEN in: Energy saving and unprecedented thermal buffering capacities;
High resistance to fire;
Termite and vermin proof;
Resistant to mold, fungi and dry rot;
Sound absorbing;
Absorbing and emitting moisture;
Proven product life cycle (un treated exposed outdoors): **60 years+.**

Can be made in thicknesses from 1" (2,5 cm) to 2' (60 cm) building units allowing for fast and efficient building.

Several proven building methods available depending on interior or exterior applications.

CO₂ neutral life cycle because the material binds CO₂ when hardening and the energy savings for heating and/or cooling during its 60 years⁺ life cycle. When ground eventually it converts to soil enriching lime.

The material? **Just wood and cement.**

When transformed to excelsior(wood wool)-cement building material all these properties become available to the environment aware architects, builders, project developers and constructors.

Eltomation produces "State of the Art" production plants for Low and Medium density wood wool cement board. One Eltomatic CVS-16 produces up to 60,000 strands per second resulting in very high output of uniform quality 10' strands. (strand width and thickness available to clients specifications within the technical limits of the CVS-16).

Large Excelsior Cement (Wall) Elements (LE's) are used in Sweden to build one and 2 story houses. An experienced building team of 3 and a small crane can place the walls of up to 3 houses in one shift. One element can measure up to 20'x10'x 16".

Medium density EltoBoard is more durable than OSB, lighter, stronger and more flexible than CBPB, and has better screw and nail properties than competing fiber cement products. EltoBoard can be produced in thicknesses of .25" up to 1.25". Standard width 2'(4' on demand), board length 6'-12'. **Applications wherever durable, fire resistant and termite proof are key issues.**

Want to know more?

Contact Peter Leewis or visit him in our booth **C4066**

ELTOMATION B.V.

Dr. Willem Dreeslaan 33, 3773 CX BARNEVELD, NL
P.O.Box 203, 3770 AE BARNEVELD, NL

phone: +31 (0)342-476353 Fax: +31 (0)342-475618

e-mail: p.leewis@eltomation.com

web: www.eltomation.com



Greener and better: wood, Portland cement and water. No high energy production.

Standard width 60 cm or 240-300 cm for Large Wall Elements

Monolayer, dual layer and sandwich or wood reinforced.

Depending on product, available in: low density ≤ 400 kg/m³ (± 25 pcf) and EltoBoard® ± 1100 kg/m³ (60 – 70 pcf)