

# THE ULTIMATE SHEATHING SOLUTION



[www.exploreintl.com.np](http://www.exploreintl.com.np)

ULTIMATE SHEATHING SOLUTION

EI  
BOARD

## Introduction:

EI board is a factory-made, non-insulating sheathing board product. It can be used for a number of applications including wall and ceiling, fascias, soffits, the backing and underlayments. It is made of a type of mineral cement but with much improved characteristics such as fire resistance, weather ability, strength, resistance to mold and mildew, and so on.

Board is available in many forms, and for building construction comes in various thickness and sheet sizes. It also comes in various grades, such as smooth finishes, rough textures, and utility grades. It is white, beige or light grey in colour and has a hard sound when rapped with your knuckles somewhat like Portland cement board.

Like, any sheathing board can absorb water but its performance is unaffected. Thus it can be used

## Board Resistance:

- Salt (Sodium Chloride) Brines and Salt Water
- Chlorine Bleach (sodium hypochlorite) & Related Pool Chemical
- Exposure to Water and Moisture & Freeze thaw cycles
- Changes in Temperature up to 800<sup>0</sup> Centigrade
- Repeated Wetting and Drying or Freezing and thawing
- Swelling, Losing Strength or Deterioration
- Moulds, Mildew, Bacteria, Fungus, Termites, Rodents and other Organisms
- Fireproof
- Impact Damage



indoors and outdoors, and in damp location, such as showers, like Portland cement based siding. If it used outdoors in an exposed location, it needs some form of coating, such as paint. It can be used structurally as in bracing for wall and semi-structurally, such as an underlayment for flooring.

## EI board consists of 5 layers:

1. Facial surface layer
2. Fiberglass net reinforcing layer, which makes the board durable and stable
3. Filler layer (Including mineral cementing agent, perlite and wood chips)
4. Second fiberglass net reinforcing layer
5. Filler layer of the inner side

## Features of the product:

Lighter than cement board, smoother than drywall, more flexible than cement board, more rigid than drywall, much more inert than either cement board, drywall or wood based board materials.

## Applications:

Interior wall, Ceiling, Exterior Sheathing, Separation Wall, etc.

Marketed by:



**EXPLORE  
INTERNATIONAL**

A trading wing of



**Panchakanya**  
G R O U P

**Head Office:**

Panchakanya Bhawan, Krishna Galli, Lalitpur,  
P.O.Box: 2743, Kathmandu, Nepal

Tel: +977 - 1 - 5526551 Fax: +977 - 1 - 5526529

Email: [explore@panchakanya.com](mailto:explore@panchakanya.com), [rampal@exploreintl.com.np](mailto:rampal@exploreintl.com.np)