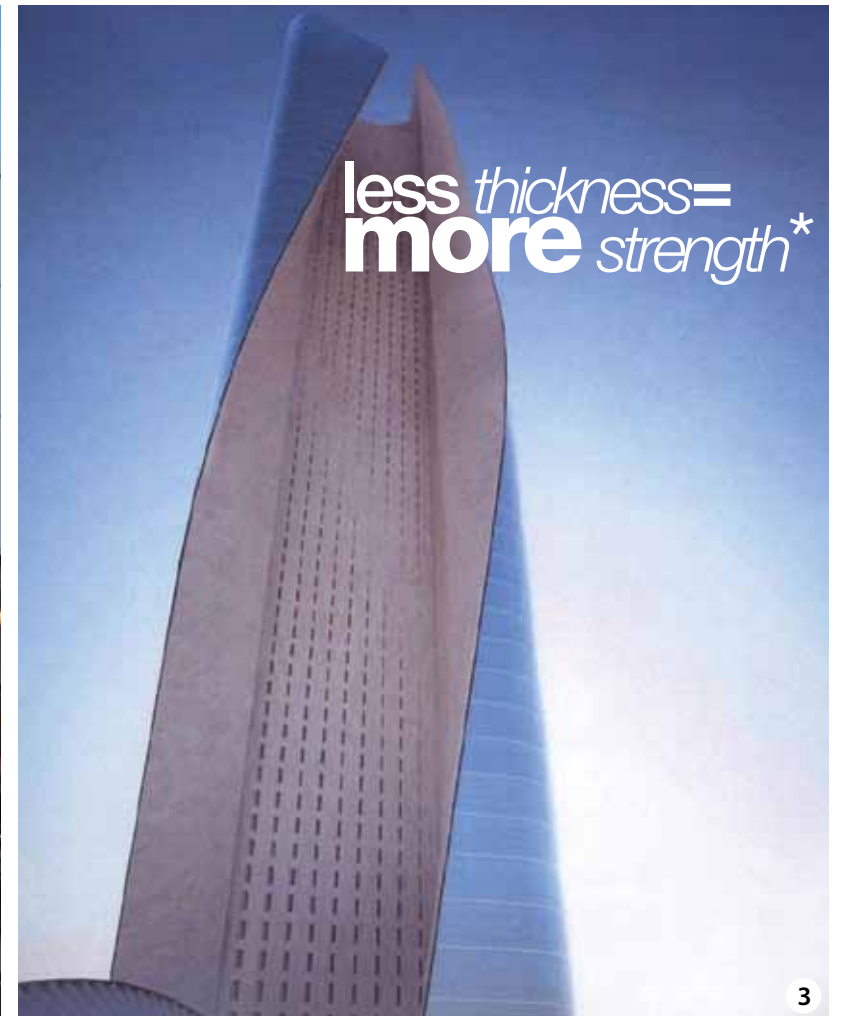


The image features a large, light-colored wall made of Everest Heavy Duty Boards on the left side. To the right, there is a wooden deck with a planter box containing green plants. The background is a bright, overcast sky. The logo is positioned in the top left corner.

EVEREST
HEAVY DUTY BOARDS

less =
more*

Giving you more strength with less thickness, Everest Heavy Duty Boards exemplify the value of getting the maximum within the minimum!



1. External cladding detail done with Everest Heavy Duty Boards for the Bentley showroom in UK.
2. Elegant internal high-impact dry wall partitions in Swissotel in Kolkata, India.
3. Everest Heavy Duty Board application in the facade of the superbly-designed Al Hamra Tower in Kuwait.

PRESENTING EVEREST HEAVY DUTY BOARDS

Whenever your concern is durability, strength and prolonged exposure to weathering elements like sun, rain and UV rays, think of Everest Heavy Duty Boards!

With less thickness and maintenance, Everest Heavy Duty Boards help create both internal and external load-bearing walls and floors that are more strong and long-lasting! Increased impact resistance and dimensional stability make these appropriate for applications in commercial to industrial to residential projects. Easily combined with a wide variety of surface finishes like laminates, ceramic/ vitreous tiles, paints & render etc., Everest Heavy Duty Boards truly exemplify the value of getting more with less!



4



7



10



5



11

less maintenance =
more convenience*



6



8



Impact Resistant



Durable



Fire Resistant



Weather Resistant



9

MORE VALUE, LESS WORRY!

4. Wet area lining & spandrel back linings done with Everest Heavy Duty Boards for the spectacular Capital Gate, Abu Dhabi.
5. A cafe in Melbourne shows commercial flooring application.
- 6&8. Wet area linings detail in a penthouse in Delhi, India.
7. Facade render substrate for the Aldi store in UK.
9. Luxury Pearl apartments in Qatar utilise Everest Heavy Duty Boards for balcony ceiling work.
10. Dry walls created for the King Abdul Aziz University in Jeddah.
11. Swissotel in Kolkata, India exhibits dry walls using Everest Heavy Duty Boards.

With superlative resistance to fire and noise, Everest Heavy Duty Boards give you less worry and more convenience. These guard against damages caused by permanent dampness or seepages. Thus facilitating less wastage and more product life and thus savings! They are ideal for commercial and industrial applications spanning external cladding/ bracing and facades to high impact dry wall partitions and commercial flooring! Added to that, Everest Heavy Duty Boards are excellent for all kinds of internal wet area linings especially in the residential segment.

less dampness =
more durability*



12



13

SUPERLATIVE FIRE RESISTANCE PROPERTIES!
 Everest Heavy Duty Wall Boards are non-combustible material and qualify for:

EARLY FIRE HAZARD INDICES AS PER AS-1530 PART 3*	
PROPERTY	RESULT
Ignition Index	0*
Ignitability	0*
Heat Evolved Index	0*
Flame Developed Index	0*
Smoke Developed Index	0*
* Zero is the best result	

RESISTANCE TO FIRE AS PER BS-476	
COMBUSTIBILITY	NON-COMBUSTIBLE BS-476, Part 4
Ignitability	Class "P" not easily ignited, BS-476, Part 4
Fire Propagation Index	< 3, BS-476, Part 6 (Limit < 12)
Surface Speed of Flame	Class 1, BS-476, Part 7 (Class 1.4; 1 = Excellent)
Specific Opacity of Flame	< 5, ASTM E 662
UK Building Regulations	Class "O"

TECHNICAL AND PHYSICAL SPECIFICATIONS OF HEAVY DUTY BOARDS

PROPERTY	UNIT	STANDARD	VALUE
SIZE	mm		3050x1220, 2745x1220, 2440x1220
THICKNESS	mm		4,6,9 & 12
STANDARD WEIGHT	kg/mm ²	ISO 8336/ IS 14862	9.24 for 6mm
EDGE PROFILE			Square, Bevelled
APPARENT DENSITY (Dry)	kg/mm ³	ISO 8336/ IS 14862	> 1500
IMPACT STRENGTH (Charpy Method)	kg/mm ²	ASTM D 256	9.0 for 6mm, 12.0 for 9mm
MINIMUM MODULUS OF RUPTURE (MOR) - at EMC	Mpa, N/mm ²	ISO 8336/ IS 14862	21.2
MINIMUM MODULUS OF RUPTURE (MOR) - in wet conditions	Mpa, N/mm ²	ISO 8336/ IS 14862	15.7
SCREW WITHDRAWAL STRENGTH (Face)	N	IS 2380, Part XIV	2000
THERMAL CONDUCTIVITY AT 50°C (Mean Temperature)	W/mK	ASTM C518	0.163
LINEAR COEFFICIENT OF THERMAL EXPANSION	mm/mm/°C	ASTM C696	9.4x10 ⁶
pH VALUE			9-10
ACOUSTIC INSULATION	dB	BS 2750	35 for 9mm
MOISTURE CONTENT - at EMC			6 to 8%
ADHESION/ LAMINA BOND STRENGTH	Mpa, N/mm ²	ASTM D 1037	2.1

Other Properties: The dimensional & geometric properties and tolerance confirm to the ISO 8336 standards.

less = MOR(E)!

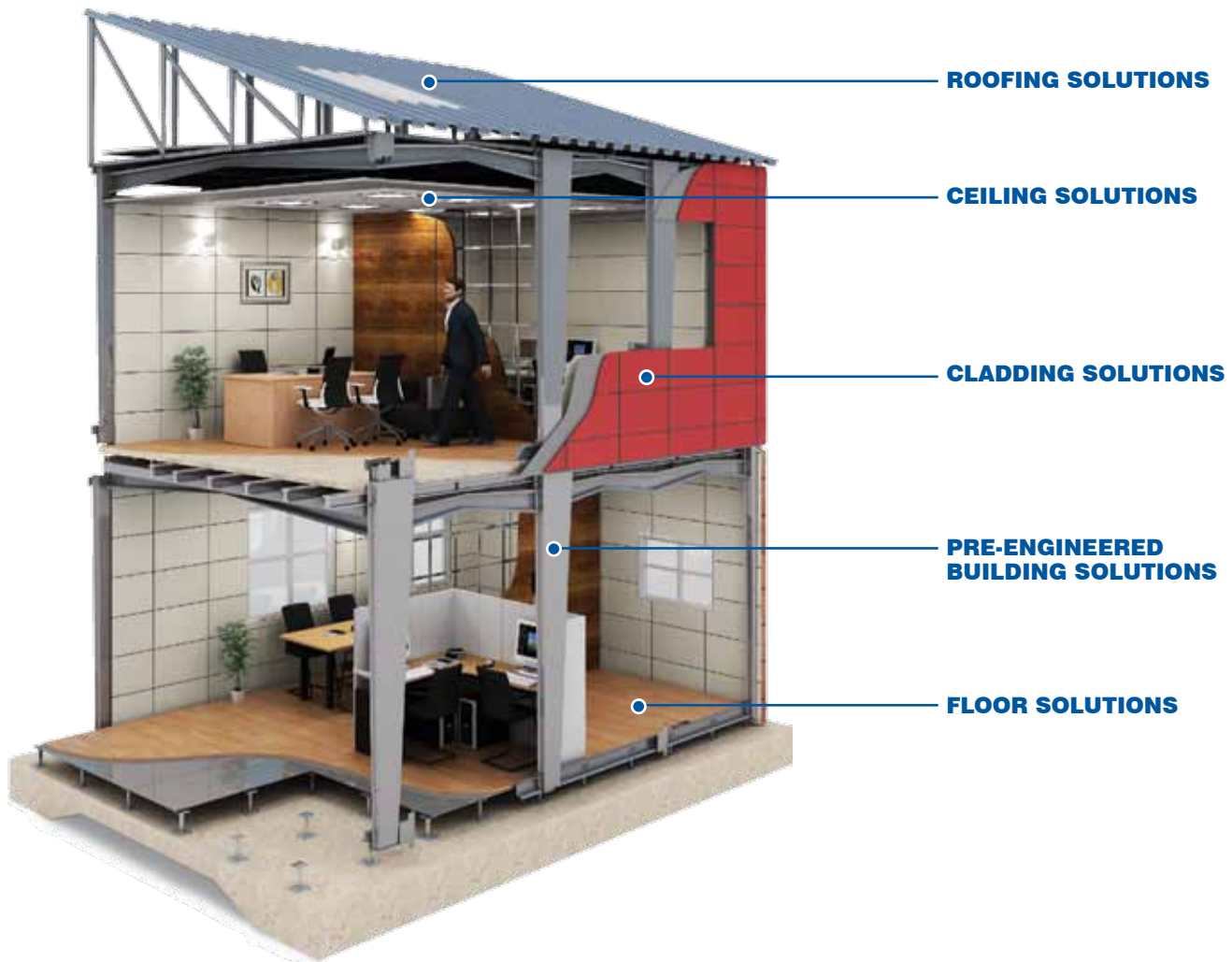
MOR or Modulus of Rupture is a measurement of inherent flexural strength. It indicates the maximum load a piece of material will take before breaking, and is an accepted criterion of strength. Compared to other products, Everest Heavy Duty Boards offer more modulus of rupture even at less thickness! Which means that your designs can take maximum load without any wastage of additional space! Powered by more modulus of rupture of Everest Heavy Duty Boards, now you can build with less restrictions and more imagination!

12 & 13. The excellent properties of Everest Heavy Duty Boards against damage caused by seepage make them perfect for wet area linings in bathrooms and kitchens.

Table above: depicting the superior technical & physical advantages of Everest Heavy Duty Boards.

Table on the left: exhibiting resistance to fire to give you more security!

* with Everest Heavy Duty Boards!



COMPLETE BUILDING SOLUTIONS

ABOUT EVEREST INDUSTRIES LTD.

Everest is one of India's fastest growing building solutions companies. Since 1934, people have trusted Everest with their most valuable assets, their factories, warehouses and homes. We have covered more than 1 billion sqm. of industrial and residential roofs.

Today, we provide building products and building solutions for commercial, industrial and residential sectors in over 25 countries. In India, we distribute our products across 1,00,000 villages and 600 cities, through 5 state-of-the-art facilities, 6000 outlets, 37 sales depots and 11 offices.

Our range of ready-to-use products provides solutions for your building needs in roofing, ceilings, walls, floors, cladding and doors.

We manufacture Pre-Engineered Buildings and Smart Steel Buildings for the industrial and commercial sectors.

Everest Building Solutions.

For Strength, Speed and Safety.



BUILDING SOLUTIONS ROOFING | WALLS | FLOORS | CEILINGS | CLADDING | DOORS | STEEL BUILDINGS