## **everest**MULTIPURPOSE BOARD

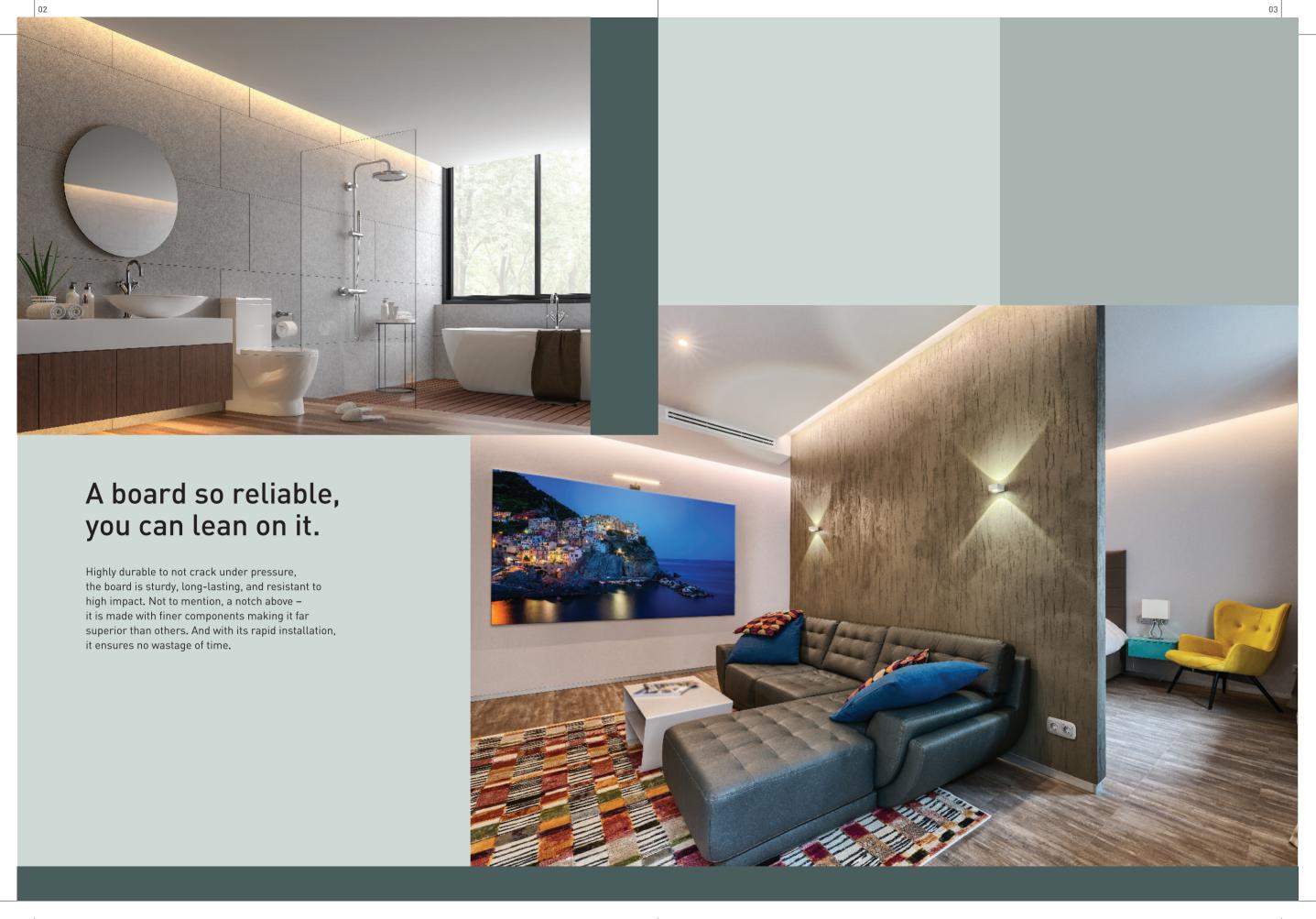


Inside Front



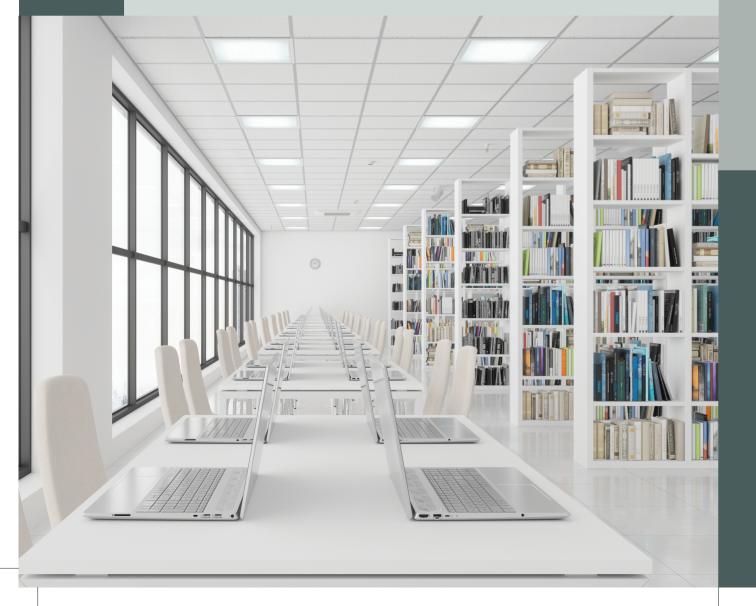
Going overboard is a good thing.
One board.
Countless solutions.

Coming with a versatile range of applications, the Everest Multi-purpose Board can adapt itself to any look you want – an internal wall, false ceiling, mezzanine floor, or otherwise. Suitable for residential and commercial projects, it can be modified to any style.

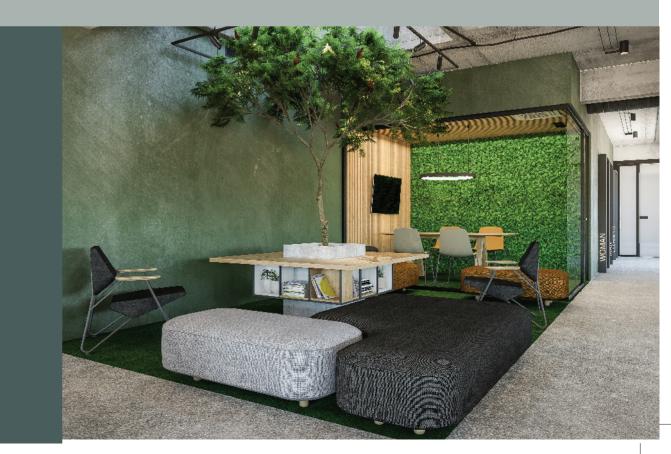


Being a fibre cement board with high impact strength, it is ideal for sound and thermal insulation. It is also rated as a Category B board to EN 12467:2012 + A2:2018 for applications where it may be subjected to heat or moisture.

|              | SIZES          |                            |  |
|--------------|----------------|----------------------------|--|
| APPLICATIONS | THICKNESS (mm) | LENGTH x WIDTH (mm)        |  |
| Ceilings     | 4, 6           | 2400 x 1200<br>2440 x 1220 |  |
| Wall         | 8, 9, 10, 12   |                            |  |
| Underlay     | 15, 16         | 3000 x 1200<br>3000 x 1220 |  |
| Flooring     | 18, 20         | 3000 X 1220                |  |







#### APPLICATIONS

#### SECTORS

Internal

Hospitality and conference facilities

False ceilings

Retail and shopping malls

Partition Mezzanine Commercial buildings
Education

Flooring

Healthcare and leisure

Restaurants and hotels

Public utilities

Call centres

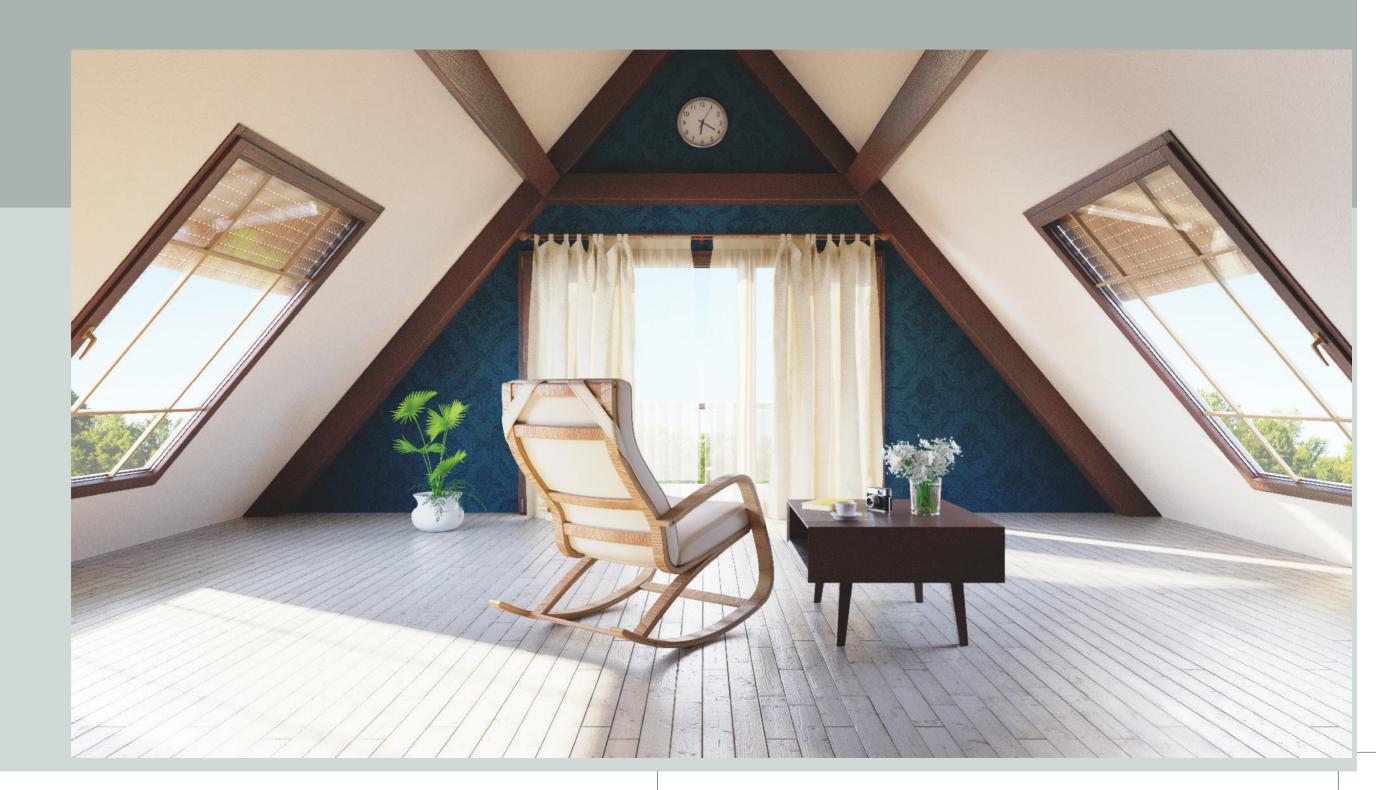
Data centres

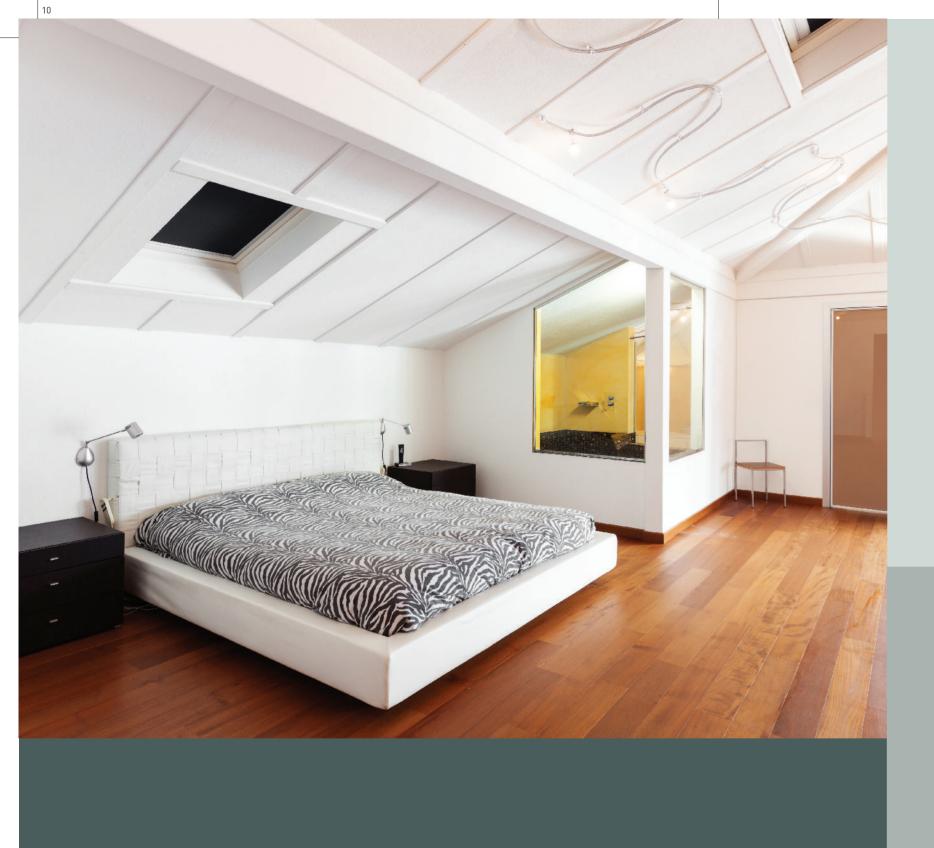




# Eco-friendly. Application-friendly too.

Composed of cement, silica, fly ash, and pulp, the board is also produced using Hatcheck Technology.





### Fashioned into whatever you want it to be.

A highly durable nature with the ability to withstand pressure make these boards great for applications across the spectrum. It is suitable for every project ranging from hospitality and healthcare to residential and industrial. Along with this, its massive impact to resistance helps it act as a backbone when applied as an undercloak or mezzanine flooring.

#### TECHNICAL PROPERTIES

| PROPERTY  | UNITS      | TESTING STANDARDS | МР   |
|---|------------|-------------------|--|
| Category*   |            |                   | Category B (EN 12467)<br>/ Type B (ASTM C1185)     |
| Class*  |            |                   | Class II (EN 12467)<br>/ Category III (ASTM C1185) |
| Apparent Density  | kg/m3      | EN12467           | <b>→</b> 1200                                      |
| Minimum Modulus of Rupture (MOR): (at EMC)              | MPa        | ASTM C 1185       | → 13 MPa   |
| Minimum Modulus of Rupture (MOR):<br>(in Wet Condition) | MPa        | ASTM C 1185       | → 8 MPa  |
| Adhesion Lamina Test                                    | MPa        | ASTM D 1037       | →0.6   |
| Direct Screw Withdrawal Strength                        | N          | ASTM D 1037       | 1250   |
| Thermal Conductivity                                    | W/mk       | ASTM C 518        | 0.21   |
| Linear Coefficient of Thermal Expansion                 | mm/ mm/0 C | ASTM C 696        | 7.43 x 10^(-6)                                     |
| Moisture Content (at EMC)                               | %          |                   | 6-8  |
| Freeze - Thaw Resistance (50 Cycles)                    |            | EN 12467          | Pass   |
| Warm Water Resistance                                   |            | EN 12467          | Pass   |
| Soak - Dry Resistance (50 Cycles)                       |            | EN 12467          | Pass   |
| Heat - Rain Resistance (25 Cycles)                      |            | EN 12467          | Pass   |
| Water Absorption - Raw Panel                            | %          | EN 12467          | ←36  |

#### FIRE PROPERTY

| PROPERTY                                       | RESULT   |  |
|--|--|--|
| Reaction to fire as per EN 13501/1: Part-I     | A2 s1 d0   |  |
| Surface Burning Characteristics as per ASTM-84 |  |  |
| - Flame Spread Index (FSI)                     | 0  |  |
| - Smoke Develop Index (SDI)                    | 0  |  |
| Resistance to fire as per BS-476               |  |  |
| - Combustibility                               | Non-combustible as per BS 476 Part IV                |  |
| - Ignitability                                 | Class "P" - not easily ignited, as per BS 476 Part V |  |
| - Fire Propagation Index                       | Passes as per BS 476 Part VI                         |  |
| - Surface Spread of Flame                      | Class - 1, as per BS 476 Part VII                    |  |



<sup>\*</sup>some of the images used in the brochure are for reference purpose only and not actual project image

Inside Back

### A 'forward-thinking' belief helps us put our best foot forward.

At Everest, everything we do stems from an eco-friendly, efficient and forward-thinking philosophy. Our compressed cement-based building products challenge the age-old use of brick and mortar. Not only are these materials much lighter and a lot more durable, they are pre-finished and easier to install, and thus reduce the construction period considerably. Their compressed form also ensures a higher strength to weight ratio, and makes sure that floors get the space that they truly deserve. Simply put, it's not brick. It's better.

#### Helping you get on board:

The Everest team provides expert support services throughout all stages of any construction project, including:

- Technical advice
- Supply of data sheets and certification
- Product selection and application consultation
- Site-visits
- Installation advice



IMPACT RESISTANT



MOISTURE RESISTANT



TERMITE RESISTANT



FIRE RESISTANT



WEATHER RESISTANT



COMPRESSED BOARD

### everest

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