



Wall Panels

MINERAL & SOLID CORE BOARDS

adore®





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MINERAL BOARDS

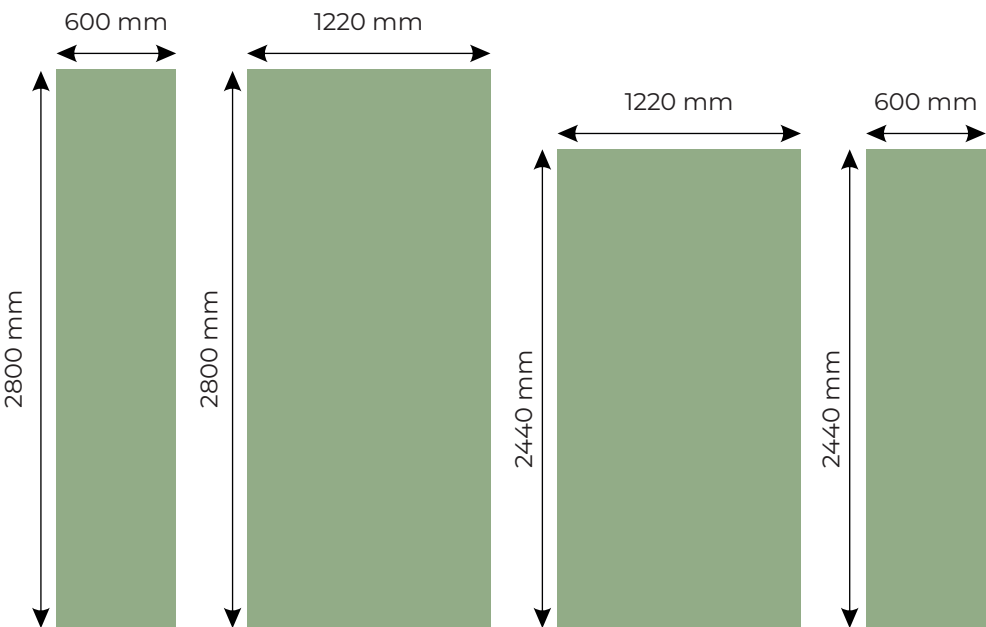
Designed to inspire



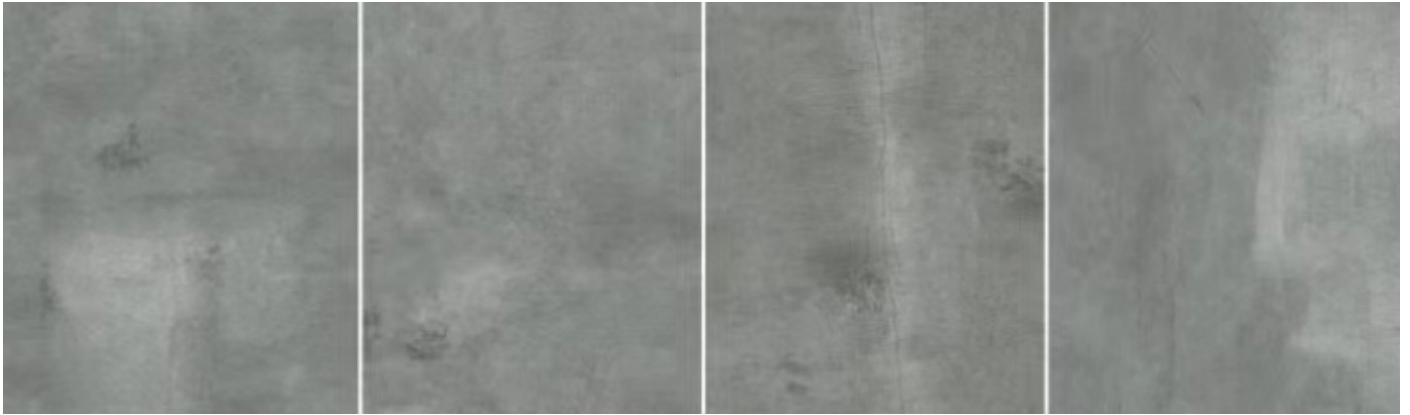
Elite Mineral Wall Panel is made from inorganic minerals like Quartz, Portland cement, Calcium Powder, Plant-based fibers, and various natural minerals. It is also free of plastic, chemicals adhesives, or any synthetic polymers. These panels are easy to install and offer exceptional stability across various temperature and humidity levels. Lightweight and robust, Elite's boards are suitable for both residential and commercial. Ideal for hospitals, hotels, offices, apartments, classrooms, and shops, Elite panels come in high-gloss and matte, and are available in 4 dimensions with a thickness of 8mm.



- ✓ Digital Printing Surface Technology
- ✓ 100 % Waterproof & Fireproof Class A
- ✓ Hygienic, Mould resistant, Non-porous
- ✓ Excellent Insulation
- ✓ T&G installation
- ✓ No plastic, plasticizers or other polymer materials
- ✓ 100% Recyclable







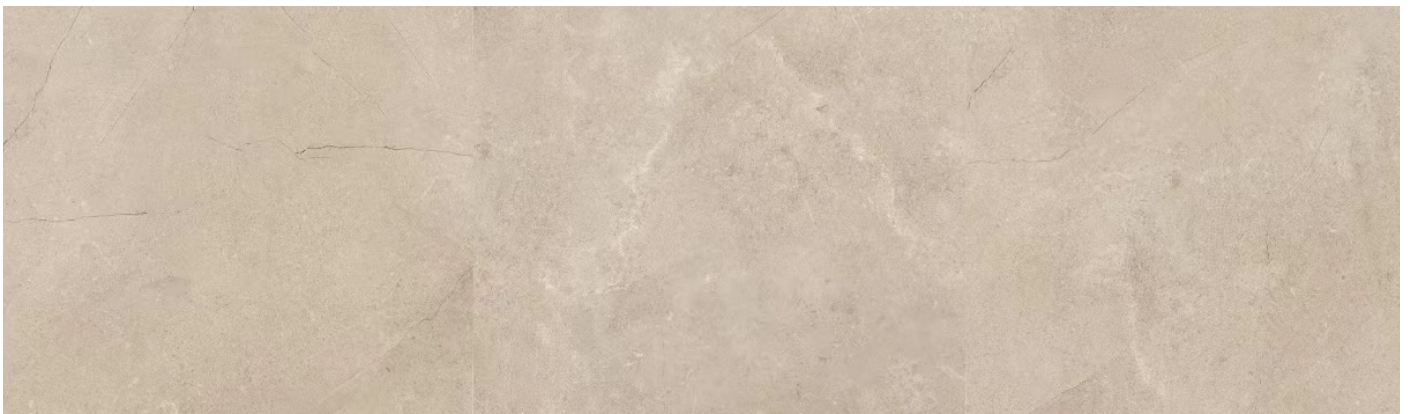
Moonstone | EWM401
High Gloss Finish



Copper | EWM402
High Gloss Finish



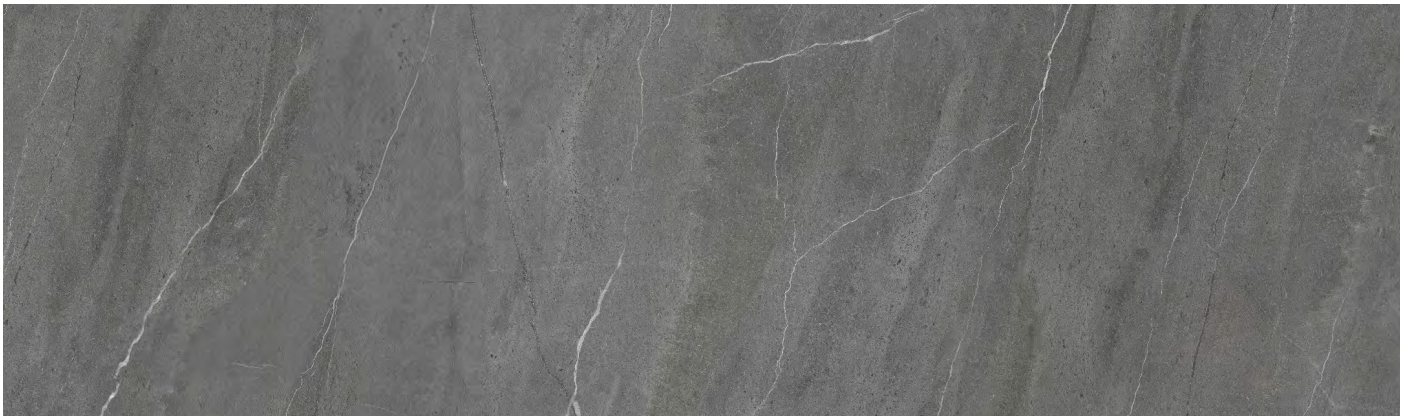
Onyx | EWM403
High Gloss Finish



Beige | EWM404
High Gloss Finish



Winter | EWM405
High Gloss Finish



Graphite | EWM406
High Gloss Finish



Quercus | EWM407
High Gloss Finish



Ivory | EWM408
Matt Finish



Azure | EWM409
High Gloss Finish



Alabaster | EWM410
High Gloss Finish



DIGITAL PRINTING

Precision Perfected

Digital printing technology delivers exceptional image quality with sharp details and vibrant colours. Its high-resolution capabilities ensure that every print maintains clarity and vibrancy. This revolutionary technology sets new standards for print quality, offering precision and endless creative possibilities.

Interested in seeing samples? Contact us to experience the colours and sharp details of digital printing!

Personalise any order with your own designs or logos. Exclusively available for Mineral Boards.







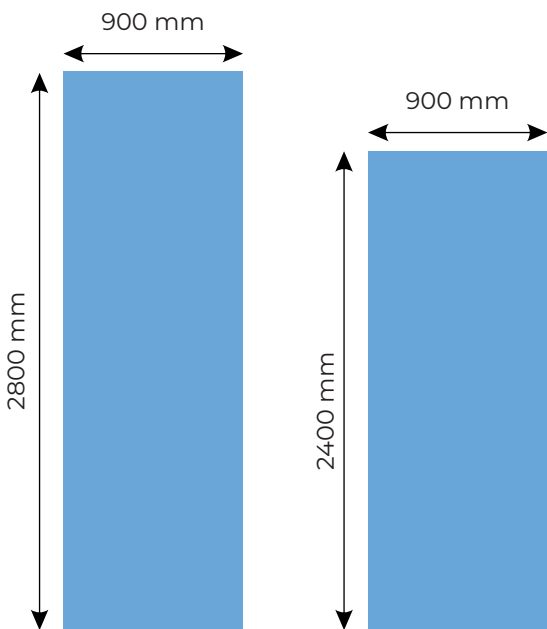
SOLID CORE BOARDS

Transforming ideas into reality

A smart choice for any space. These panels are made using the latest technology to combine durability with the lightweight foam core's insulation. They are available in two dimensions: 900x2400 mm or 900x2800 mm with an 8.0mm thickness. Ideal for residential and commercial areas, our panels are resistant to moisture, UV rays, and impacts, making them ideal for homes, offices, and wet areas. These panels come in various colors and finishes, allowing you to find the perfect fit for your style, whether you prefer modern or traditional.



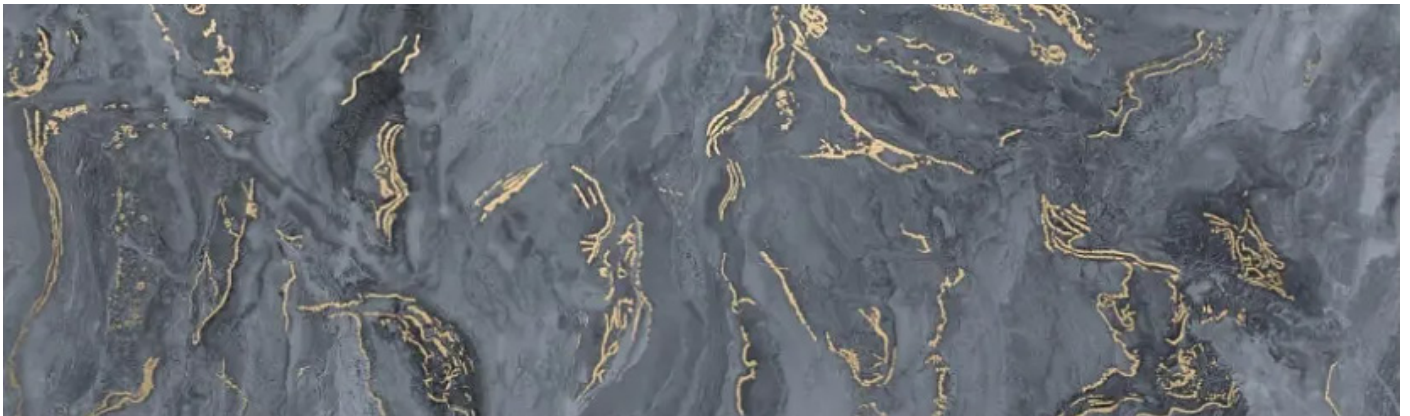
- ✓ Water-resistant
- ✓ Hygienic, Mould resistant, Non-porous
- ✓ Light & Easy to fit (T&G, no special tools needed)
- ✓ Cost effective
- ✓ Easy to clean
- ✓ No plasticizers
- ✓ 100% Recyclable



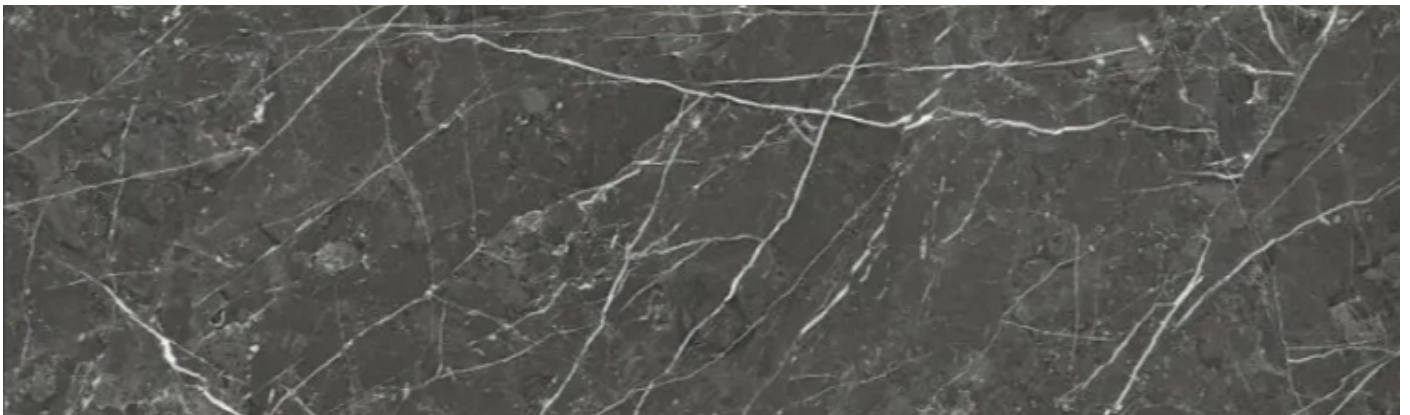




Carrera Marble | EWP11
High Gloss Finish



Golden Night | EWP12
High Gloss Finish



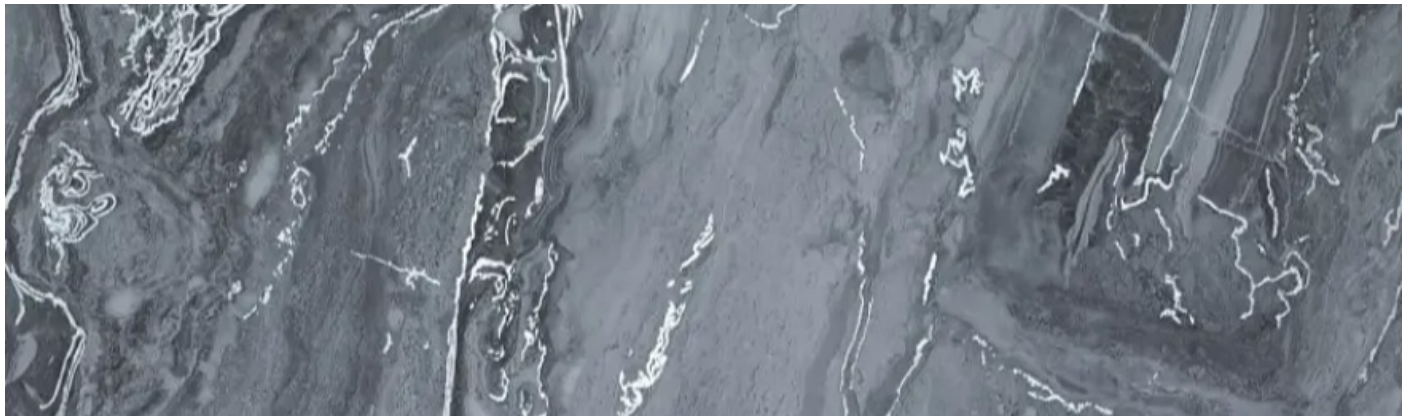
Twilight Marble | EWP13
High Gloss Finish



Terra Black | EWP14
High Gloss Finish



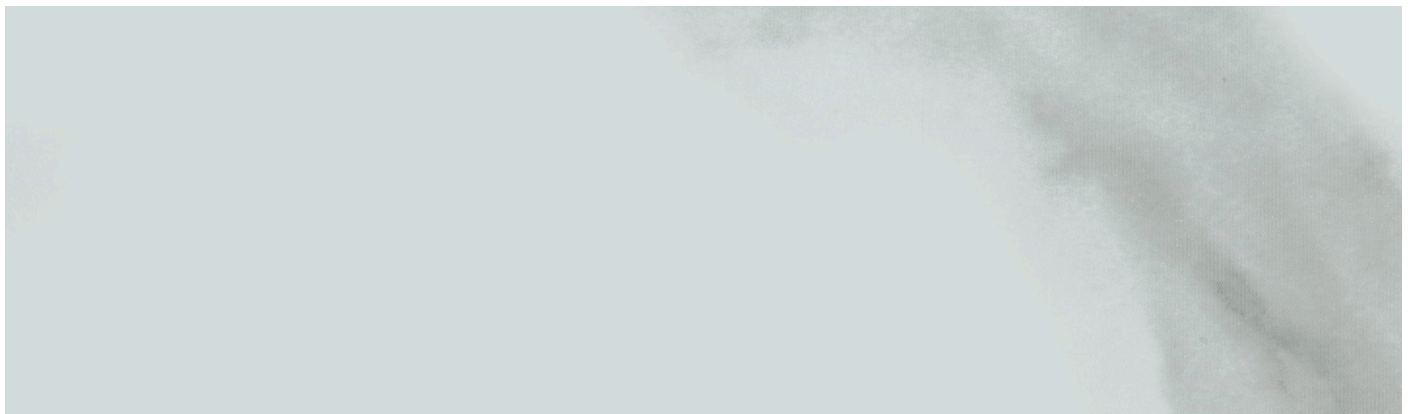
Storm Grey | EWP15
High Gloss Finish



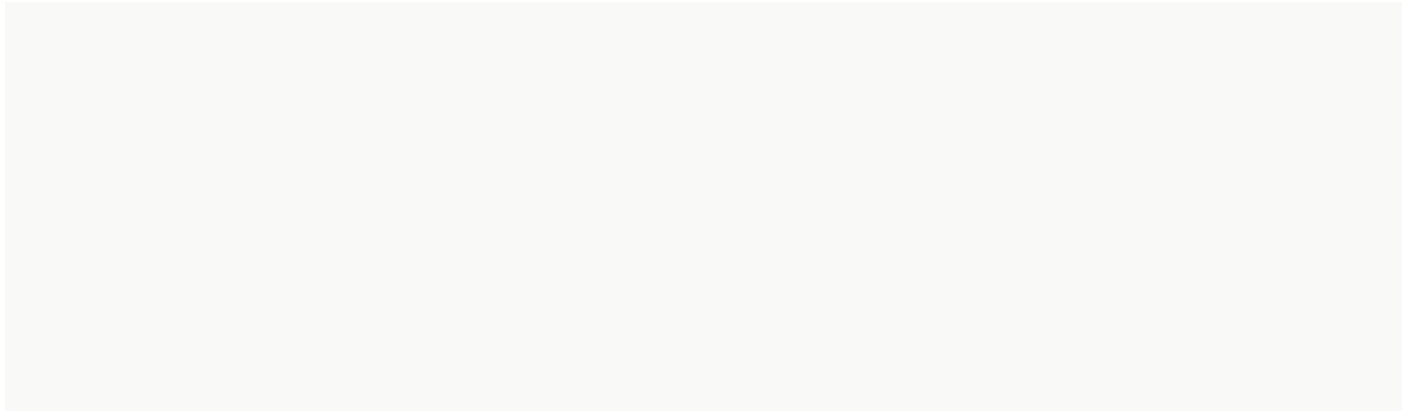
Surf | EWP16
High Gloss Finish



Carrera Sunrise | EWP17
High Gloss Finish



Cloud Stone | EWP21
Matt Finish



Pure White | EWP22
Matt Finish



Concrete | EWP23
Matt Finish



Textured White | EWP24
Matt Finish



Stone | EWP25
Matt Finish



Cinnamon | EWP31
Matt Finish



Nutmeg | EWP32
Matt Finish



Apple | EWP33
Matt Finish











COMMERCIAL & RESIDENTIAL

Versatile Solutions



Mineral and co-extruded wall panels are ideal for residential areas due to their durability, energy efficiency, and aesthetic versatility. Elite panels offer insulation and soundproofing, while also being resistant to moisture and fire. Elite boards provide enhanced strength and resistance with minimal maintenance requirements.



Mineral and co-extruded wall panels are perfect choices for commercial areas, with their durability, energy efficiency, and aesthetic appeal. Their performance is ideal in high-traffic environments such as hotels, hospitals, classrooms, and retail spaces, creating a welcoming and professional impression for customers, patients, students, and visitors.

INSTALLATION & MAINTENANCE

Wall Panels Made Simple

Please read all instructions thoroughly before beginning installation. We recommend that you have Elite Wall Panels installed by a professional installer. Incorrect fitting may affect the warranty of the Panels. However, if you wish to do it yourself, follow the easy-to-follow guide below (please note this is just an overview):

Tools Required: Level, Laser Level, Measuring Tape, Pencil, Pinless Moisture Metre, Caulk Gun, Structural Adhesive, Suction Cups, Decorative Wall Trims, Goggles, Face Mask, Gloves. Professional installers will have all the necessary tools for the job. We recommend that **2 persons** carry the panels at all times.

Additional tool for Mineral Board: Table Saw/Hand Saw with Diamond Grit Saw Blade, Diamond Grit Hole Driller, Diamond Grit Jigsaw

Additional Tools for Wet Areas: Sealant, Masking Tape, Scraper

1. Preparation of Your Wall Surface

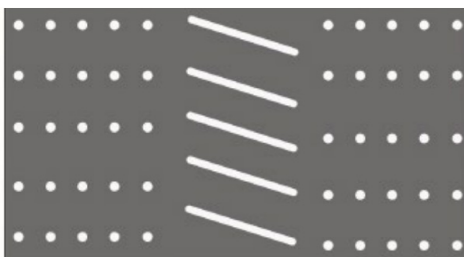
- Ensure all concealed work, electrical wiring, and plumbing work are completed before installation.
- Check that the moisture content of the wall is below 20%. Treat for moisture if necessary.
- Verify wall surface flatness using a level; it should be $\leq 1.5\text{mm/m}$.
- Measure from top to bottom of external and internal corners; the difference should be $\leq 1\text{cm}$. Spackle uneven areas and wait for the wall to dry if needed.
- Panels are suitable for level surfaces only, not curved walls or columns.
- Ensure the wall surface is firm, dry, clean, and free of oil stains or peeling. Remove any paint or wallpaper to make the surface even.
- Apply wall reinforcement agent and interface agent to rough walls to increase bonding strength between adhesive and wall.

2. Installation Preparation

- Store panels and accessories flat on a dry surface. Avoid stacking directly on moist concrete floors. Panels must be stored indoors under optimal conditions of 16°C to 24°C and 35% to 55% relative humidity.
- Let panels acclimate to room humidity and temperature for at least 24 hours before installation. Ensure room conditions match the ultimate operating conditions.
- Installation should commence only after the building is fully enclosed, heating and cooling systems are operational, and any residual moisture from construction has dried.

3. Glueing Method:

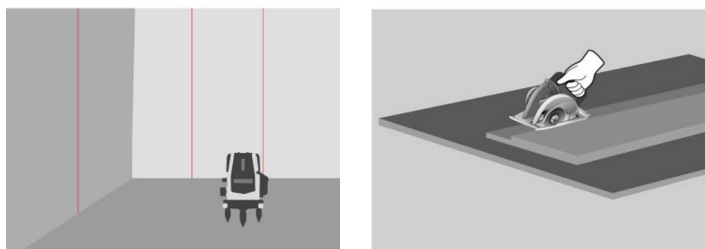
- Apply five diagonal strips of glue in the centre of the back of the wall panel, each strip 60-80cm long.
- Create five columns of dot glue on the upper and lower parts of the centre back of the panel, with dots spaced 10-20 cm apart.



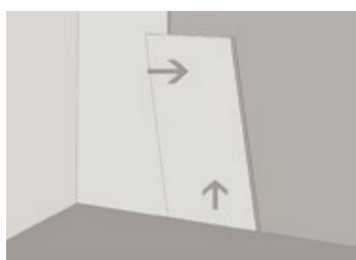
4. Installation Steps:

- Before installation, carefully inspect all wall panels for any signs of damage such as cracks, chips, or scratches. Any damaged panels should be replaced prior to installation to ensure a seamless finish.
- Clean the wall with neutral solution.
- Use a laser level to mark the wall surface into blocks according to panel size. Draw layout of each panel in advance. *Mineral Board:* Cut the outermost edge block to size using a table saw/hand saw with a diamond blade. Mark positions for wall sockets and switches on panels and use a Diamond Grit Driller or Jigsaw to make holes. *PVC Board:* Cut the outermost edge block to size using a table saw/hand saw with a regular blade. Place

the PVC panels against the wall and mark the positions where wall sockets and switches will be located. Ensure accuracy in measurements to align perfectly with the electrical fixtures.

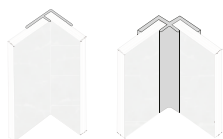


- Clean the back of the board. Apply structural adhesive to panel backs as per the glueing method. Install panels aligned with marked lines, starting from the bottom. Check alignment with level after installing each panel. The wall panels should be installed from the tongue side, splicing them one by one.
- After installing 4-5 panels, ensure horizontal and vertical alignment with level laser.
- Once the panels are in place, use a roller or a flat tool to firmly press the panels onto the wall surface, ensuring good contact with the adhesive. Preventing for any air bubbles or gaps between the panels and the wall.
- For internal/external corners, assemble metal trims with glue nails or self-tapping screws.

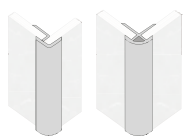


- In wet areas, once all panes are installed, make any final adjustments as needed. Seal the edges and joint with compatible sealant to prevent moisture penetration and ensure a seamless appearance.
- Clean up any debris or excess material from the installation process, leaving the area neat and tidy.

5. Accessories Available:



Internal Corners



External Corners



Base

6. Precautions:

- Use two workers to handle long panels (>2000mm) to prevent damage.
- Work in well-ventilated areas. Wear protective gear during cutting/drilling.
- Check for defects before installation.
- Ensure proper storage and handling of panels.
- Panels need 24 hours to cure after installation. Avoid impacting or vibrating the board during this period.
- Use appropriate tools for cutting to prevent edge damage.
- Use a low-power drill for holes; do not exceed 3 kg weight on wall hooks.
- Protect panels from damage during subsequent construction.
- Do not remove protective film until installation is complete. Remove the surface protective film after installing the wall panel and immediately clean any surface pollution.
- Use power tools with dust collectors when cutting and wear protective gear.

7. Storage & Transportation

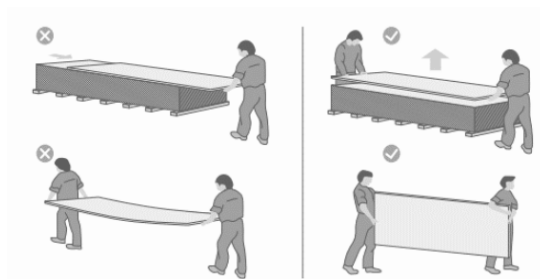
Pallet Storage & Transportation

- Whenever feasible, store pallets indoors. When temporary outdoor storage is necessary, ensure they are covered with a tarp.
- Exercise caution when handling pallets during storage to avoid abrupt movements and clutter.

- For prolonged storage, refrain from using cushioning wood; instead, stack boards directly on smooth surfaces like the pallet provided.
- Take precautions to prevent dirt, humidity, and moisture during transport and storage.

Board Storage & Transportation

- During transportation, stack boards horizontally to maintain their flatness.
- Secure boards adequately during transit to prevent damage in the event of sudden braking.
- Handle boards with care during unloading to prevent damage to the corners.
- Use protective boards when lifting to safeguard against deformation or damage.
- Avoid exposing boards to direct sunlight, rain, or high humidity to maintain their integrity.
- Store boards indoors on a level surface, ensuring they are stacked flat on pallets to prevent ground contact.
- When lifting boards, grasp them along the long side and keep them upright to minimise bending.



8. Care & Maintenance

- Use a soft, dry cloth or a feather duster to gently remove any dust or dirt from the surface of the wall panels.
- For any stains or spills on the wall panels, use a mild detergent solution and a clean, damp cloth to gently spot clean the affected area. Avoid using abrasive materials or harsh chemicals like stain removal oil, which may damage the board's surface. Clean oil spills promptly.
- Avoid using harsh chemicals, solvents, or abrasive cleaners on the wall panels, as these may cause damage to the finish or discoloration over time. Stick to mild cleaning solutions and gentle cleaning techniques to preserve the appearance of the panels.

Tips & Recommendation

- Maintain a distance of more than 20 cm from open flames in the kitchen.
- Consider using protective measures such as furniture pads or bumpers to prevent damage to the wall panels from furniture or other objects. This can help to prolong the lifespan of the panels and maintain their appearance over time.

MINERAL BOARDS

Designed to inspire

GENERAL INFORMATION

STANDARDS	Digital Printing
SIZE	600 x 2440 mm 600 x 2800 mm 1220 x 2440 mm 1220 x 2800 mm
THICKNESS	8,0 mm
INSTALLATION SYSTEM	Tongue & Groove (T&G) / Glue
FINISH	High Gloss (90-99 degrees) Matt (5-10 degrees)

PERFORMANCE

BENDING STRENGTH	EN12467:2012 A2:2018	Average≥10.0MPa
STAINING RESISTANCE	EN ISO 26987:2012	Index 0, Not affected
MOISTURE MOVEMENT	EN ISO 12467:2012 A2:2018	Length direction: 0.06% Width direction: 0.06%
ADHESION (CUT-CROSS TEST)	ISO 2409:2020	Class 0
PENCIL HARDNESS	ISO 15184:2020	≥HB
FIRE RESISTANCE	EN 13501-1:2018 ASTM E84-20	Class A2 - s1, d0 Flame Spread Index (FSI):10 Smoke Developed Index(SDI):20
COLOUR FASTNESS TO ARTIFICIAL LIGHT	ISO 105-B02:2014	Grade 6
MICRO-SCRATCH RESISTANCE	EN 16094:2012, Procedure A	MSR-A2
ASBESTOS CONTENT	NIOSH 9002:1994	Negative
DENSITY	EN 12467:2012 A2:201	1.0±0.05g/cm ³
MOISTURE CONTENT	EN 12467:2012 A2:201	Mean value 8-12%
WITHDRAWAL CAPACITY OF FASTNESS	EN 13446:2002	>800N

GUARANTEE

GUARANTEE	Domestic Commercial	10 years 5 years
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DIMENSIONS (MM)	SQM/ BOX	PCS/ BOX	WEIGHT/ BOX (KG)	BOXES/ PALLET	SQM/ PALLET	WEIGHT/ PALLET (KG)	PALLET SIZE (MM)
600 x 2440 x 8	1.464	1 pcs	13.47 kg	45	1581.12	606	2470 x 635 x 510
600 x 2800 x 8	1.680	1 pcs	15.46 kg	45	1814.40	696	2830 x 635 x 510
1220 x 2440 x 8	2.977	1 pcs	27.39 kg	45	1071.65	1347	2470 x 1250 x 510
1220 x 2800 x 8	3.416	1 pcs	31.43 kg	45	1229.76	1546	2830 x 1250 x 510

SOLID CORE BOARDS

Transforming ideas into reality

GENERAL INFORMATION

STANDARDS	PVC Co-extruded Foam Core
SIZE	900 x 2400 mm 900 x 2800 mm
THICKNESS	8,0 mm
INSTALLATION SYSTEM	Tongue & Groove (T&G) / Glue
SURFACE	0.14 mm PVC Film 0.40 mm PET Film
ADHESIVE	PUR hot

PERFORMANCE

FIRE RESISTANCE	EN 13501-1:2018 ASTM E84-20	Class B1 (c-s3,0,t1)
RESISTANCE TO HEAT		Temperature/ Heat up to 60°C
SCALE FORMATION		Low Susceptibility to hard water
CHEMICAL RESISTANCE		Caustics, Mineral Oil, Milk, Coffee
IMPACT RESISTANCE	EN 13245-1:2004	Pass
RESISTANCE TO LIGHT		Pass
RESIDUAL INDENTATION		Pass
RADIANT PANEL		Pass
DENSITY		0.75

GUARANTEE

GUARANTEE	Domestic Commercial	10 years 5 years
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DIMENSIONS (MM)	SQM/ BOX	PCS/ BOX	WEIGHT/ BOX (KG)	BOXES/ PALLET	SQM/ PALLET	WEIGHT/ PALLET (KG)	PALLET SIZE (MM)
900 x 2400 x 8	2.16	2 pcs	28.08 kg	45	194.40	1263.60	2420 x 920 x 1140
900 x 2800 x 8	2.52	2 pcs	32.76 kg	45	226.80	1474.20	2820 x 920 x 1140



FREQUENTLY ASKED QUESTIONS

Mastering Wall Panels

1. Are wall panels suitable for both residential and commercial spaces?

Elite wall panels are indeed suitable for both residential and commercial spaces, providing versatile design options for various settings, including but not limited to commercial, educational, healthcare, office, apartment, classroom, and retail environments.

2. Are the panels compatible for direct installation over ceramic tiles, plywood, or plasterboard surfaces?

Our panels are designed to adhere to ceramic tiles, plywood, or plasterboard, facilitating a straightforward installation process provided the surface is securely fixed, level, smooth, and free from debris.

3. Can Elite wall panels be installed over existing wallpaper or paint?

It is recommended to remove any existing wallpaper or paint before installing Elite panels to ensure proper adhesion and a smooth surface.

4. How much adhesive and sealant is required for one panel ?

1 x 290 ml tube of adhesive is required to bond a 1200 mm panel to the wall.

5. Can the wall panels be used in moisture-prone areas like bathrooms ?

Our wall panels are suitable for such environments, providing durability and resistance to water damage. *Elite Mineral boards* exhibit superior dimensional stability under varying temperatures and humidity levels, making our Wall Panels ideal for use in bathrooms.

6. Are Elite wall panels fire-proof?

Safety is our priority. *Elite Mineral panels* are meeting stringent fire safety standards including Class A ratings (GB 8624, EN/ISO 13501-1, ASTM E84), offering the highest level of fire resistance and peace of mind for both residential and commercial applications. *Elite Solid Core* meets the B1 fire standard, this makes it suitable for various applications where a lower fire risk is acceptable but still demands a level of fire protection.

7. Are Elite wall panels suitable for DIY installation?

Elite panels are designed for DIY installation, ensuring accessibility for homeowners and DIY enthusiasts. However, successful installation requires proper preparation, the right tools, and attention to detail.



8. Can I hang wall mounted items to Elite Panels ?

Yes, wall mounted items can be hung onto Elite Wall panels as long as the fixing goes through the panel into a solid wall behind. Do not exceed 3 kg weight on wall hooks. Do not apply hooks with adhesive, it may cause coating to peel.

9. Do Elite wall panels provide insulation or soundproofing benefits?

Our wall panels offer insulation benefits, which enhance energy efficiency and contribute to a more comfortable indoor environment. While they also provide some soundproofing benefits, it's important to note that for comprehensive soundproofing solutions, additional measures may be necessary.

10. Can the wall panels be installed vertically as well as horizontally?

Elite panels can be installed either vertically or horizontally, offering flexibility according to aesthetic and design preferences. Vertical installation can visually elongate walls, while horizontal installation can create a modern or rustic look.

11. What if the ceiling is taller than the height of the panel ?

The maximum height of the Elite panel is 2800mm. If you require taller than this you can butt joint panels, to the top, to achieve the desired height.

12. Are Elite wall panels prone to expansion or contraction with temperature and humidity changes?

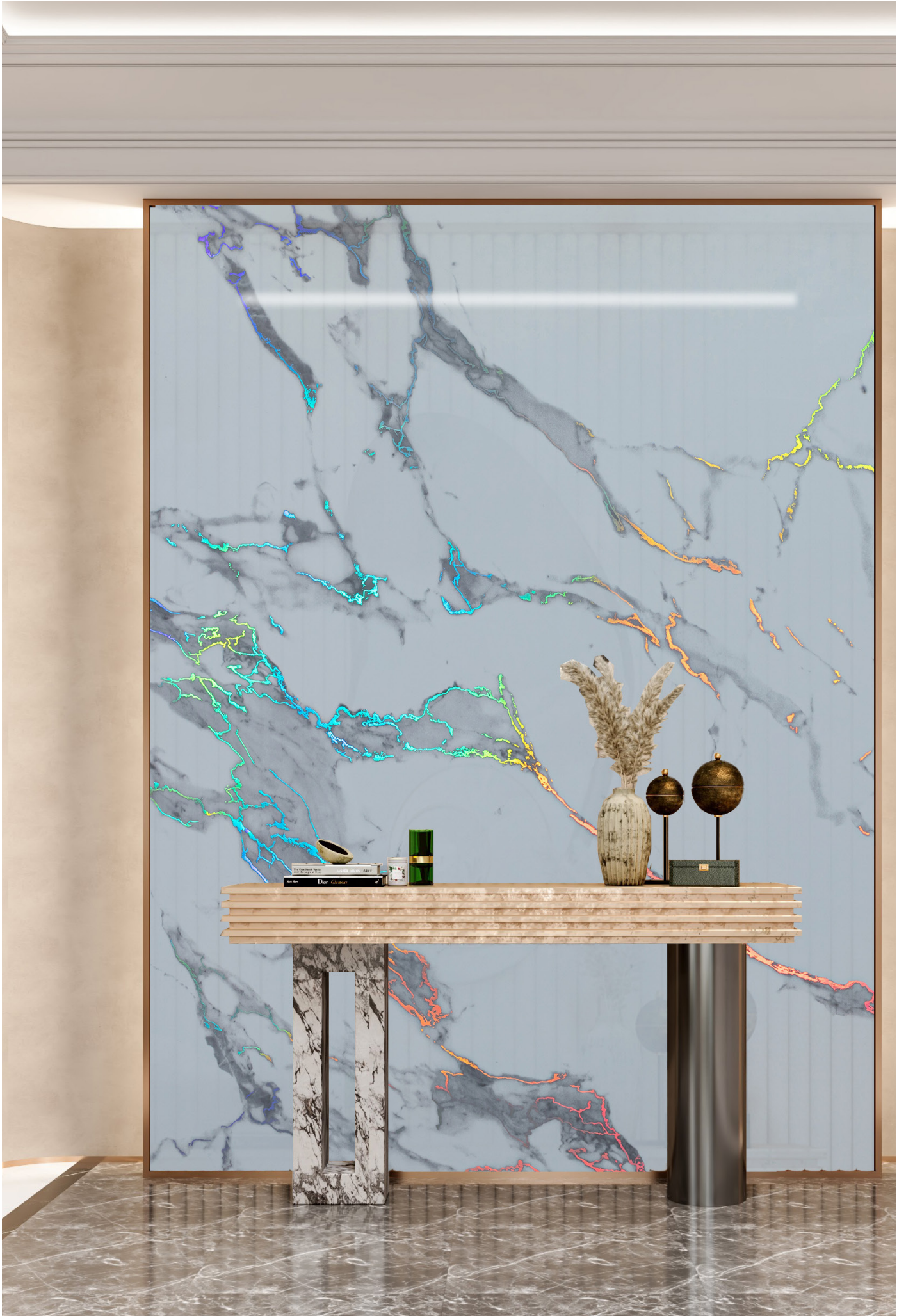
While our wall panels may have minimal expansion or contraction in response to temperature and humidity variations, we recommend to acclimate the wall panels to room humidity and temperature for at least 24 hours before installation.

13. How easily can the joints be damaged/broken? Are they brittle?

For both mineral board and PVC wall panels, the joints are generally sturdy and resistant to breakage under normal conditions. Most damage is caused by improper carrying and also being dropped on corners or edges.

14. Are Mineral Wall panels environmentally friendly?

Mineral Wall panels are made from sustainable materials entirely free from plastic. Designed for long-lasting performance with minimal environmental impact, our panels have a production process that avoids plastics, chemical adhesives, plasticizers, or other polymer materials. The natural materials used in Mineral Board panels allow for natural decomposition in the environment without causing harm to soil, water quality, or air, meaning that it prevents secondary pollution.







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ARCHITECTS & DESIGNERS



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