



Hiro Board colorthrough fiber cement is an unparalleled combination of advanced engineering, high strength, minimalist design, and a diverse color palette. With its unique features, this product is the ideal choice for creating modern and durable facades in both residential and commercial buildings.

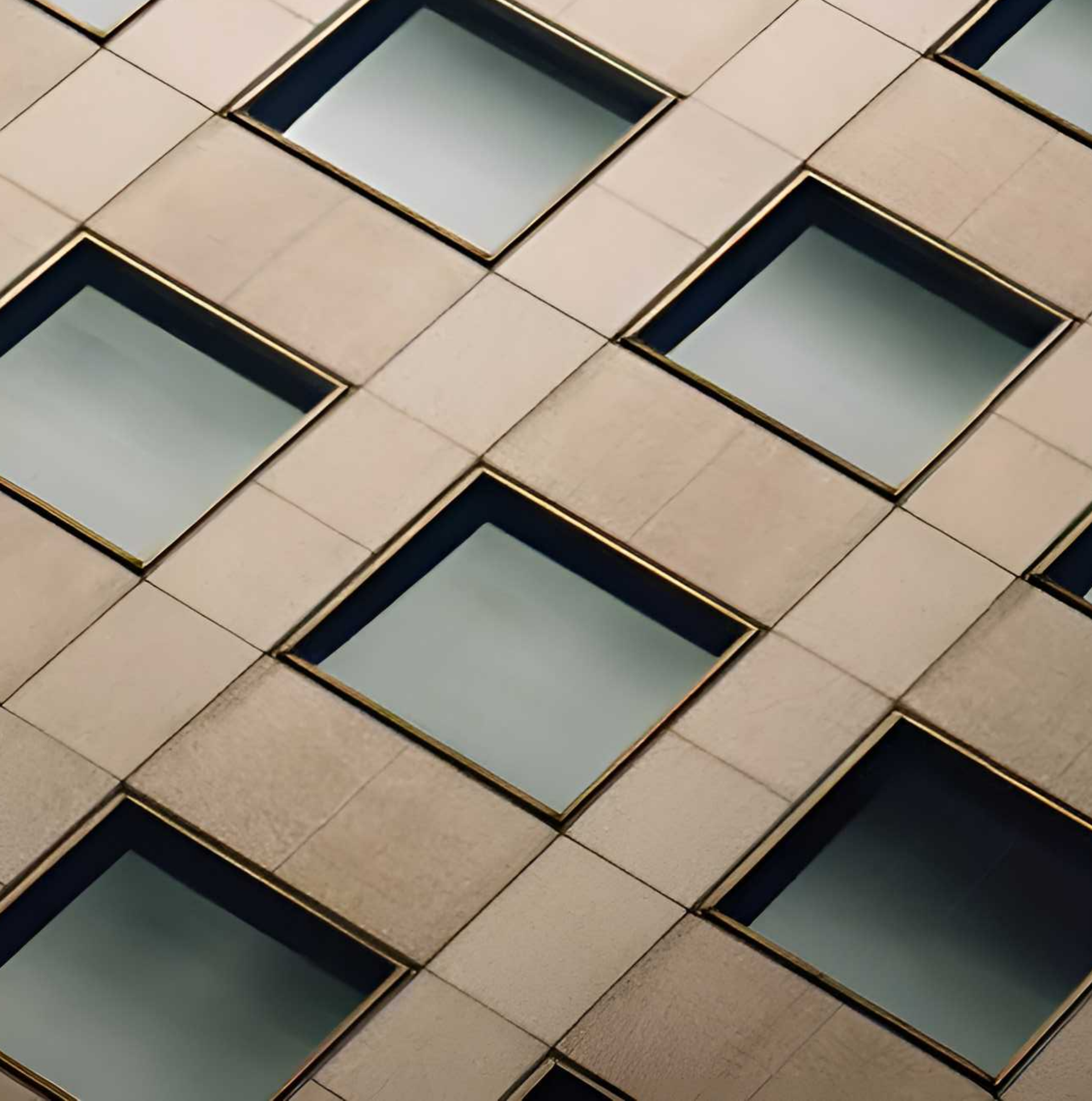
HIRO BOARD

Hiro Board is a leading brand in the supply and production of fiber cement boards. With a strong focus on delivering high-quality, durable, and environmentally friendly products, Hiro Board has become a trusted choice in the construction industry.

Our fiber cement panels are manufactured using advanced technologies and premium raw materials, meeting the diverse needs of modern construction projects. Known for their exceptional strength, long-lasting durability, and unique properties such as resistance to moisture, fire, and harsh weather conditions, Hiro Board products are the ideal solution for architects and builders. At Hiro Board, we are committed to providing innovative and efficient solutions to enhance the quality and sustainability of construction. By continually focusing on innovation and customer needs, we strive to set new standards in the industry.

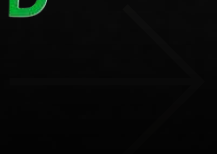
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CONTENT

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LIVING GERN

Hiro Board; Where Innovation Meets Sustainability.

At Hiro Board, we believe in building a better future--one that respects and preserves the natural world. Our fiber cement panels are thoughtfully designed to be eco-friendly, blending strength and sustainability without compromising on quality. By choosing Hiro Board, you're not just constructing buildings; you're embracing a commitment to nature and leaving a positive legacy for generations to come.

VALUE OF VENTILATED FACADES

As ventilated facade systems, hiro board Facades give you substantial energy savings. These sustainable green systems offer great value through increased efficiency, durability and aesthetics. Designed for rainscreen cladding applications, hiro board Facades are rear ventilated to create one of the most reliable technical facade systems. They protect your building from extreme weather, in turn ensuring less humidity, zero mold and minimal maintenance.

ENERGY SAVING

Through thermal insulation, ventilated facades save energy and costs by reducing cooling needs in summer and heating in winter.

VENTILATION COMPATIBLE & QUICK

The cavity between the outer insulating panel crates ventilation that regulates the temperature of the buildings know as the ‘Stack Effect’ this enables a thermal shield, which protects from extreme heat in summers and cold in winters

MOISTURE PROTECTION

Due to the air gap, ventilated facades provide protection against moisture and dampness by eliminating surface condensation.

OCCUPANT COMFORT

Insulation provided by ventilated facades help in keeping the temperature inside the building favourable across seasons, thus optimizing occupant comfort.

COMPATIBLE & QUICK

Ventilated facades are compatible with all genres of buildings. They can be installed on new projects as well as existing buildings undergoing renovation to improve their energy efficiency. Their value is furthered with quick and safe installation plus easy maintenance.

ACOUSTIC ABSORPTION

Ventilated facades tend to increase the reflection of external noise to ensure a certain level of acoustic absorption.



The logo for Hiro Board is centered in the upper half of the image. It features the word "HIRO" in a large, bold, green, sans-serif font. The letter "H" is stylized with three horizontal bars extending from its left side. Below "HIRO" is the word "BOARD" in a smaller, green, sans-serif font. The background is a low-angle photograph of a modern building with a glass facade, split vertically by a dark grey band. The left side shows a clear blue sky, while the right side is a dark, solid grey.

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TECHNICAL SPECIFICATIONS			
PHYSICAL PROPERTIES	UNIT	TPI FACADES	STANDARD TEST METHOD
Thickness Tolerance	%	± 6	ASTM C1185
Density	cu/m³	1,750 ± 50	ASTM C1185
Water Absorption	%	≤ 20	ASTM C1185
Moisture Content	%	≤ 8	ASTM C1185
Mould Resistance		Pass	ASTM D3272
PH Value		7 - 8	ISO 10390:2005
Water Tightness		Pass	ASTM C1185
MECHANICAL PROPERTIES	UNIT	TPI FACADES	STANDARD TEST METHOD
Modulus of Rupture (Machine Direction at EMC*)	MPa	≥ 23	ASTM C1185
Modulus of Rupture (Cross-Machine Direction at EMC*)	MPa	≥ 18	ASTM C1185
Modulus of Elasticity (Machine Direction at EMC*)	MPa	≥ 14,000	ASTM C1185
Modulus of Elasticity(Cross-Machine Direction at EMC*)	MPa	≥ 11,000	ASTM C1185
FIRE RESISTANCE PROPERTIES	UNIT	TPI FACADES	STANDARD TEST METHOD
Ignitibility	-	Pass	BS476 Part 5
Fire Propagation Index	-	Pass	BS476 Part 6
Surface Spread of Flame	-	Pass	BS476 Part 7
Smoke Developed Index (SDI)	-	Pass	ASTM E84-00a
Flame Spread Index (FDI)	-	Pass	ASTM E84-00a
DURABILITY	UNIT	TPI FACADES	STANDARD TEST METHOD
Heat/ Rain Resistance		Pass	ASTM C1185
Warm Water Resistance		Pass	ASTM C1185
Freeze/ Thaw Resistance		Pass	ASTM C1185
Soak/ Dry Resistance		Pass	BS EN 12467:2000



HIRO FIBER CEMENT COLOR RANGE



White Grey - Uniform



White Grey - Non-Uniform



Dark Grey - Uniform



Dark Grey - Non-Uniform



Brown - Uniform



Brown - Non-Uniform



Light Grey - Uniform



Light Grey - Non-Uniform



Light Brown - Uniform



Light Brown - Non-Uniform



Sand Stone - Uniform



Sand Stone - Non-Uniform

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