

Sourcing Guide #4: Step into the World of Material Innovation
採購指南 #4：探索創新建材，打造未來建築

This edition is an essential read for architects, urban planners, designers and specifiers, spotlighting the look and build of modern exterior and interior design. Scroll down to explore trends in building materials, discover fresh architectural ideas, and get a glimpse of Build4Asia exhibits which enhance your material library for more sustainable, high-performing designs.

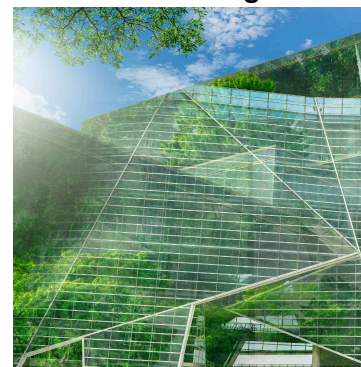
本期指南是建築師、城市規劃師、設計師及建築規格師的必讀精選，聚焦現代建築外觀及室內設計的風格與建造。繼續閱讀，探索建材最新趨勢，揭曉創新建築概念，並一睹 Build4Asia 優質展品，助您擴充材料庫，打造更可持續、高性能的設計。

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01 | MUST-KNOW MARKET TRENDS 必知市場趨勢

Are you using the right materials for today's demands? 選對建材，把握市場需求

1. Green Building Materials 綠色建材



More than 70% of the total carbon output in construction comes from materials, a major contributor of Hong Kong's carbon footprint. Sustainability frameworks such as BEAM Plus and LEED now place greater emphasis on green material selection, with enhanced measurement and stronger incentives.

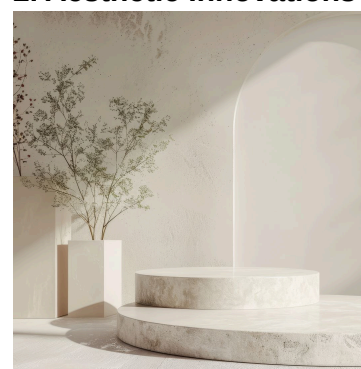
建材佔建築業碳排放逾七成，是香港碳足跡的主要來源之一。BEAM Plus 與 LEED 等認證計劃提供更嚴格標準與誘因，推動業界選擇綠色建材。

Why it Matters 機遇解析

More architects are using lifecycle and carbon assessment data to guide design and material choices. Green building materials such as low-carbon concrete, recycled content, sustainable timber and high-performance insulation are in high demand to meet certification standards and environmental goals.

越來越多建築師使用生命週期與碳排放評估數據來指導設計與材料選擇。低碳混凝土、再生材料、可持續木材以及高性能保溫材料等綠色建材的需求持續上升。

2. Aesthetic Innovations 設計美學



Nowadays design quality directly influences occupant satisfaction and user experience. No longer defined by functionality alone, design now embraces visual appeal, cultural context and sensory experience, expressed through façade articulation, colour strategies, greenery integration and more.

現今的設計品質直接影響使用者的滿意度與體驗。設計已不再限於功能性，而是同時注重視覺美感、文化內涵與感官體驗，可透過立面設計、色彩使用、綠植融入等手法來呈現。

Why it Matters 機遇解析

Materials frequently used for aesthetics include biophilic elements to soften dense urban environments, Decorative High-Pressure Laminates offering versatile, lightweight surfaces for both interiors and exteriors and Cross-Laminated Timber, which adds warmth and human touch to high-end projects.

用於美化環境的常用材料包括：用於美化密集的城市環境的親生物元素，為室內外提供多功能、輕質表面的裝飾性高壓層壓板，以及為高層項目增添溫暖和人文氣息的交叉層壓木材等。

3. Smart Materials 智慧建材



Hong Kong's dense urban environment, high energy demand and climate conditions are driving the need for smart materials that respond and adapt to their surroundings. These materials offer multi-functional benefits, reducing operational energy consumption and carbon emissions.

香港人口密集、能源需求高，加上獨特氣候條件，智慧材料因此成為建築設計的重要解決方案。這些材料功能多樣，能降低營運能源消耗並減少碳排放。

Why it Matters 機遇解析

Smart glass is increasingly adopted, saving around 20% energy cost by reducing solar heat gain and cooling demand. Research into bio-based and adaptive materials like sensor-embedded systems and smart façades is also advancing real-time environmental control and building performance monitoring.

智慧玻璃日益普及，透過降低太陽輻射熱吸收與冷卻需求，節省約 20% 的能源成本。生物基與自適應材料的研究，如嵌入式感測器系統與智慧幕牆，亦推動了即時環境監控與建築性能監測革新。

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02 | WHY BUILD4ASIA 為何參觀

The ultimate "touch-and-feel" platform for architects 觸摸材料，連結建築靈魂

We understand that nothing beats experiencing and comparing materials in person for architects. That's why Build4Asia proudly presents Buildtex – Asian International Building Technology, Materials and Decoration Show, a dedicated platform for you to explore materials first-hand, and gain insights from suppliers through real case studies and detailed product demonstrations.

我們深知對建築師而言，親身體驗和比較材料是最有效的評估方式。為此，Build4Asia 精心呈獻 Buildtex — 亞洲國際樓宇科技、材料及裝飾展覽會，讓您現場探索各類建材，與供應商直面交流，獲取真實案例與詳盡產品說明。

03 | VOICES OF CHANGEMAKERS 專才智庫

Stay in the know at high-impact forums 參與業界討論 汲取創新思維

With the support from Archify, Architecture & Design Dialogues 2026 will take centre stage at Build4Asia, gathering trendsetters to delve into the curated theme "Designing for 'The Moments'". This highly sought-after forum explores how architects and designers go beyond functionality to create spaces that foster human connection and elevate everyday experiences, sparking innovations through fresh perspectives, emerging trends and valuable industry connections.

2026 建築設計論壇得到媒體合作夥伴 Archify 支持，是 Build4Asia 的核心活動之一，以「築跡「時刻」：重塑空間價值」為主題，將帶領與會者探索如何讓空間超越功能，承載情感，賦予生活更多意義。論壇匯聚業界先鋒，聚焦設計新視角，新興趨勢與寶貴聯繫，激發創新靈感。

Supporting Media: Archify

Architecture & Design Dialogues 2026

DESIGNING FOR "THE MOMENTS"

8 MAY 2026 | 10:30 - 13:30
MAIN STAGE, HALL 1, HKCEC

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VIEW THE FULL PROGRAMME
查看完整議程

04 | ON THE SHOW FLOOR 焦點展商

Strong line-up of exhibitors offering comprehensive solutions
強大參展商陣容，展示全方位解決方案

<p>Acelab Technology Limited</p> <p>Acelab specialises in custom-designed LED solutions, covering interior lighting, façade lighting and furniture-integrated lighting. Its featured product, Paxton Glazing, enables dynamic and interactive content to be displayed on a transparent surface, allowing viewers to engage with visuals on screen while still seeing through the display.</p> <p>專注於客製化 LED 照明解決方案，涵蓋室內照明、建築立面照明及家具整合照明。其主打產品 Paxton Glazing 能在透明表面呈現動態互動內容，觀眾在欣賞螢幕資訊的同時，仍可穿過螢幕看到外部景觀。</p>	<p>Daikan Hong Kong Limited</p> <p>DAIKAN is a Japanese Signage Manufacturer with over 60 years of heritage that consistently delivers world-class signages. Their ultra-slim illuminated signs, lightweight metal-plated or fine painted signs blend craftsmanship with innovation, covering usage including retail, commercial and hospitality spaces.</p> <p>DAIKAN 傳承日本工藝 60 餘年，致力提供世界頂級招牌。極細發光、電鍍及精益求精的噴色招牌等，皆以匠心融合創新，廣泛適用於各種商業空間。</p>
<p>Delta Pyramax Company Limited</p> <p>Delta offers a comprehensive range of smart, environmentally focused solutions, including energy-saving systems, environmental acoustic systems, advanced building technologies and more. A standout offering is Green GRC+, an innovative material for sustainable façades that reduces embodied carbon by up to 50% through the use of recycled content.</p> <p>提供多元化智慧環保方案，涵蓋節能系統、環境聲學系統及先進建築技術。亮點產品 Green GRC+ 以創新材料打造可持續外牆，使用可回收材料，降低建築隱含碳排放量 50%。</p>	<p>Naco Environmental & Technology Company Limited</p> <p>Naco imports high-performance innovative functional coatings directly from Japan, focusing on sustainability and energy saving through their Heat Shield range:</p> <ul style="list-style-type: none"> • HSG is a transparent coating that turns glass or polycarbonate into a heat barrier, while • HSP is a protective heat-reflective paint for every other surfaces. <p>日本進口的高性能創新功能塗料，其 Heat Shield 系列專注於可持續性與節能表現：</p> <ul style="list-style-type: none"> • HSG 透明塗料：可將玻璃或聚碳酸酯轉化為高效隔熱屏障； • HSP 隔熱反射塗料：具備保護功能，適用於各類表面。

[Check out our exhibitor list](#)
[瀏覽參展商目錄](#)

05 | INDUSTRY NEWS 行業快訊

Keep up to date with market dynamics 掌握市場動態

Henderson Land is advancing a bold concept of "the bridge" with Central Yards – an iconic groundscraper stretching approximately 400 metres along Victoria Harbour. Forming Central's longest structure, the development embraces people-centric and biophilic urban design, featuring raised walkways with rich greenery and luxury rooftop gardens.

恆基兆業地產以「橋」為設計核心，在中環新海濱打造 400 米長 Central Yards，是中環首個且最長的橫向大型建築。設計以人為本、親近自然，設有綠色架空步道與奢華屋頂花園，呈現城市綠色生活典範。



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