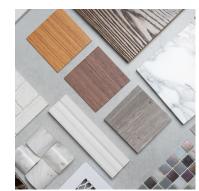
From Sustainability to Safety: What's New in Building **Materials?**

讓建築更節能更安全:從建築材料開始!

With global carbon emissions from building materials alone accounting for a significant 11%, architects and developers are thinking outside the box to reduce the emodied carbon of buildings and enhance their resilience against extreme weather. As such, innovative solutions are emerging to combat the way we build, from durable materials made from recycled waste, novel thermal films and claddings that overcome overheating in buildings, to game changing 3D printing technologies.



Join us at Build4Asia on 8-10 May 2024 at the HKCEC to revolutionise the industry towards a more sustainable and resilient future!

随著全球氣候變化每況愈下,建築界的碳排放量已不容忽視。單單製造建築材料已佔全球碳排放量的 11%! 有見及此,市面上出現了越來越多的創新建材,比如再生建築材料,超輕外牆材料,嶄新3D打印 技術,來減少建築物的碳排放,提升其對極端天氣的抵禦能力。立即參展Build4Asia——於2024年5月 8-10日香港會議展覽中心展現你的低碳建材方案,推動並實現更可持續、低碳的發展!

Source: RPS Group



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Reduce Energy Emissions 減少能源排放

New materials such as **PDLC films** are emerging to easily upgrade thermal and UV protection to existing buildings, slashing AC emissions. Insulated panels are also proving essential to improving energy efficiency and weather resistance.

在炎熱氣候中,建築外牆和玻璃幕牆在減少空調排放和成本方 面扮演著至關重要的角色。新材料,如PDLC智慧調光膜,可 以輕鬆改善現有建築,提供隔熱及隔絕紫外光的功能。同時, **絕緣內外牆板**亦越來越高效能及耐用。



Recycled Materials Not Just a Trend 重用回收建材

The construction industry is notorious for producing waste, which is why materials upcycled from construction waste, such as **Eco Pavers** are slowly becoming integral and can even help reduce the effects of air pollution. 使用再生材料如環保地磚,不僅能減廢,更可以有效去除空氣



Minimise Waste with 3D Printing

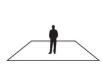
中的污染物,從而綠化環境及減緩空氣污染的問題。

善用3D打印技術 With its shorter supply chain, customisable parts, minimal waste, and wide selection of durable materials such as 3D Printed Steel, 3D Printing is becoming an ideal technology

for building components and fixtures. 憑藉著較短的供應鏈、可定制部件、以及廣泛選擇的耐用材 料,例如金屬3D打印,3D打印技術正成為建築組件和設備的 領先技術。

> ...and more! <u>...更多!</u>

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Build4Asia 2024 will be co-located with RACE 2024

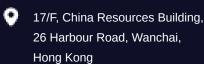


RACE - Situated at the forefront of innovative retail solutions, this mustattend event brings together the brightest minds in the retail industry to explore revolutionary ideas and cutting-edge technologies to ride the new wave of consumerism in Asia.









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