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Title: Solar curtain wall design for Rome office building

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Incorporating solar photovoltaic technologies within curtain walls necessitates careful consideration of several design factors. The orientation and angle of solar panels play ...

To address this issue, this study proposed a multi-function partitioned design method for VPV curtain walls aimed at reconciling the competing demand of different functions.

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design with innovative materials and advanced engineering.

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However, the question still remains: are curtain walls energy efficient and if not, is it possible to make them so? Here, we outline for five ways to harness this architectural feature, while ...

Both the classic mullion and transom construction as well as a modular element construction for indoor and outdoor space are ideal for the realization of modern office buildings. High ...

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