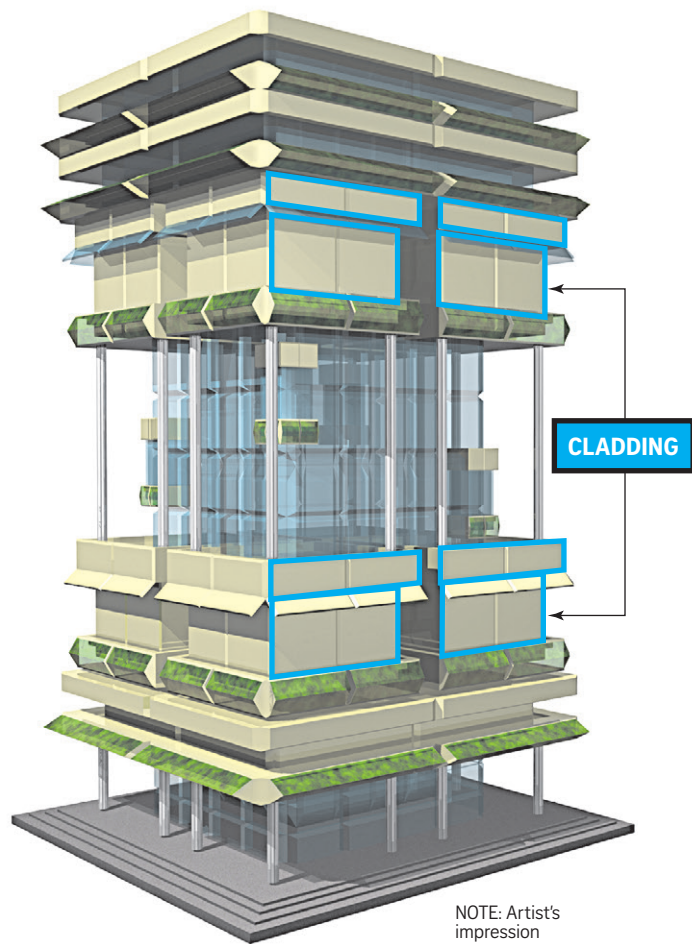


What are claddings?

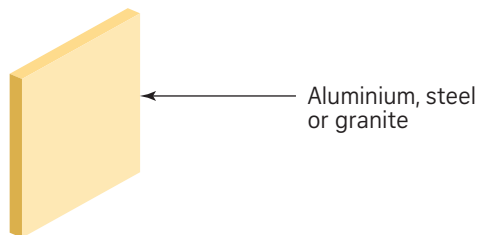
Claddings are composite panels that are usually attached directly to the frame of a building to act as an outer wall. The Singapore Civil Defence Force (SCDF) mandates stringent fire safety standards for composite panels used on buildings.



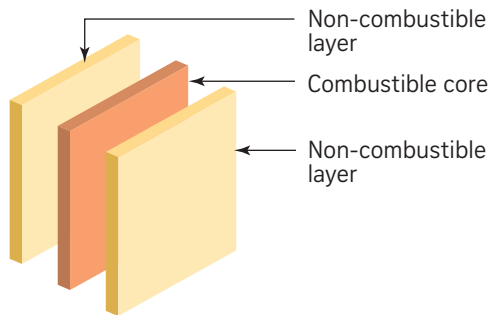
COMPOSITE PANEL

A regulated material with a core sandwiched between two non-combustible layers

NON-COMBUSTIBLE PANELS



COMBUSTIBLE PANELS



USES OF COMPOSITE PANELS

- On external walls as cladding
- As roof covering and on internal walls

CLASSIFICATION OF COMPOSITE PANELS

Under the SCDF Fire Code, panels that are not rated **Class 0** are not permitted to be used as cladding. There are five classes of composite panels. Higher classes mean that flames spread more rapidly.

No flame	Class 0 means that the fire will not spread along the surface of the material when ignited	Very slow flame spread
NON-COMBUSTIBLE PANELS	COMBUSTIBLE PANELS	COMBUSTIBLE PANELS
Permitted for roof covering, external and internal walls	Permitted for roof covering, external and internal walls	Permitted for roof covering and internal walls
	CLASS 0	CLASS 1