ReGlass Thermal Blocks

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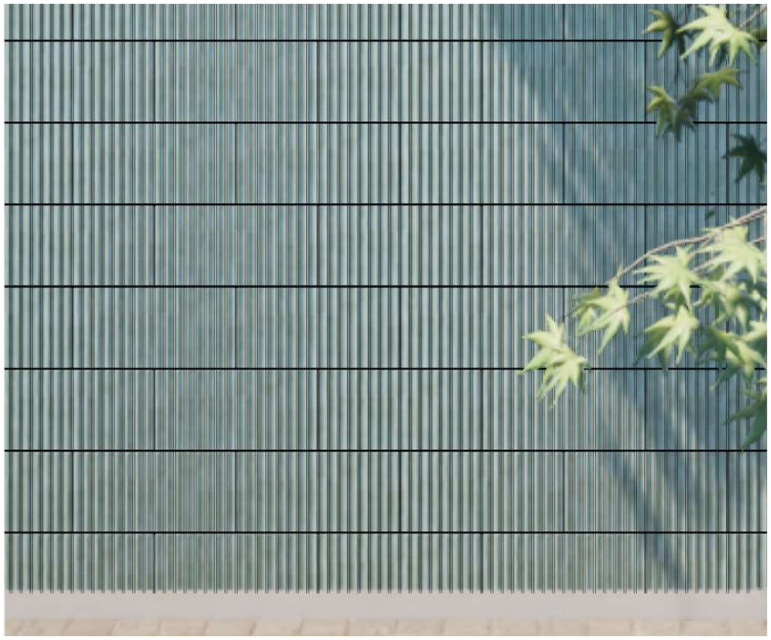
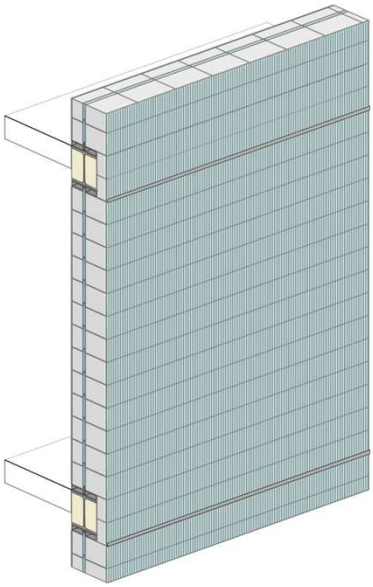
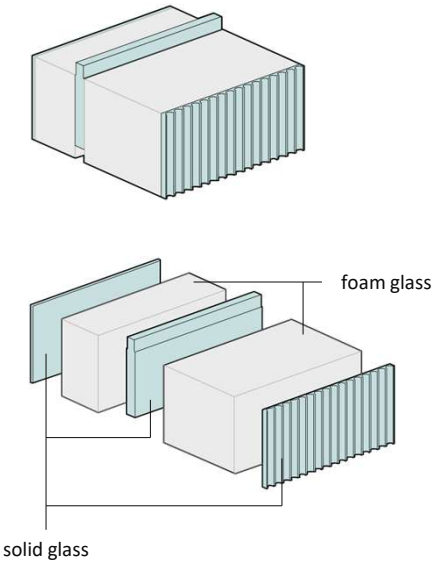


Glass is one of the few materials that can, in principle, be endlessly recycled without loss in material quality. This façade explores that potential through insulating glass blocks made entirely from glass waste. Each block is composed of layers of solid glass and foam glass fused into one element. The solid glass core and outer faces provide structural stability, protection, and façade expression, while the foam glass ensures thermal insulation performance. By fusing all layers, the system eliminates the need for additional adhesives. The blocks are stacked to create a demountable façade system that combines recyclability and thermal performance.

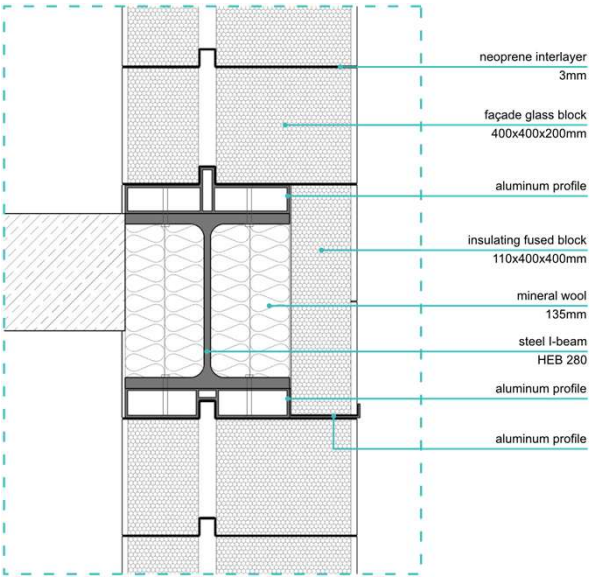
Façade scheme



Glass block



Detail



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