



Details are INDICATIVE ONLY and need to be made project specific.

While reasonable care has been taken to ensure that the information included in this drawing was accurate at the time of issue, we reserve the right to change specifications at any time. Final detailing remains the responsibility of the designer due to site & client specific requirements.

Do not scale from this drawing.

Drawing to be read in conjunction with all standard series drawings

All structural fasteners to be non-ferrous, any galvanized brackets to be painted with red oxide primer or bitumen paint.

Proprietary expanding tape around perimeter of window for air tightness

5/8" Limestone lime render applied directly to Hempitecture composite

External Finish:
1/8" Limestone Lime Render colored with natural pigment

Wood frame and bracing requirements to architect's specification

Stop bead at bottom edge of lime render

Good perimeter drainage required

Exterior Plywood used as a permanent shuttering soffit board/ remove for passive projects

Stainless steel or UPVC corner beading

Window type to designer's specification

Window sill
3/8" Vapor Permeable Magnesium Board

100 mm wide strip of Alkali Resistant Fiber Mesh incorporated into plaster base coat centered at all corners and magnesium board boundaries

Internal Finish Options:
Tape and mud magnesium board joints, finish with 2 coats vapor permeable paint

Depth of Hempitecture composite suited for energy performance required

Thermal blocks to reduce thermal bridging

Wall thickness (in.) Vs. R-value (ft ² ·F·h/Btu)		
Approx. Wall Thickness	Hemcrete Thickness	Overall R-Value
11.25	10	26*
13.25	12	30*
16.25	15	35*

*Static R-value not adjusted for thermal mass or location

Magnesium-Oxide Board Wall Assembly