



RespiraDrywall

Healthy indoor air, built into the wall.

RespiraDrywall is a hemp board that goes up where plasterboard would. It is made from cleaned hemp hurds and a formaldehyde-free, VOC-free binder: no gypsum, no cement. It lets the wall breathe, and you can paint it, plaster it with clay or lime, or leave it exposed.

Characteristics

- ✓ No formaldehyde and no VOCs
- ✓ Vapour-permeable and capillary-active
- ✓ Light: about 5 kg a sheet (18mm)
- ✓ Made from hemp
- ✓ Takes paint, clay or lime plaster directly

Applications

- ✓ Interior walls and ceiling linings
- ✓ Internal and partition walls
- ✓ Loft conversions and attic ceilings
- ✓ Render carrier board (clay or lime plaster)
- ✓ Wall linings and furring (not wet areas)



The board alone	18mm	30mm
Standard sheet - mm	800 x 1200	800 x 1200
Large format - mm	600 x 2400	600 x 2400
Edge	Square	T&G
Weight - kg/m ²	5.30	9.60
Conductivity λ_D - W/m·K	0.057	0.057
R-value, board alone	R 0.32	R 0.53
Vapour resistance - μ	5	5
Specific heat - J/(kg·K)	2100	2100



Fixing, pricing and ordering

How it goes up

- Timber or metal studs at 300 to 600mm centres
- Screw every 200 to 250mm with coarse-thread drywall or wood screws
- Cut with a circular saw, jigsaw or table saw, the same tools you use for OSB
- Fill the joints, then paint, plaster with clay or lime, or wallpaper
- Store flat and dry until it goes up
- Not for wet areas: bathrooms, showers and

Pallets

18mm, 800 x 1200: 56 sheets, 53.76 m²
18mm, 600 x 2400: 56 sheets, 80.64 m²
30mm, 800 x 1200: 33 sheets, 31.68 m²
30mm, 600 x 2400: 32 sheets, 46.08 m²

An 18mm sheet weighs about 5 kg, so one person can carry and lift it.

Pricing

18mm board \$79/m²

30mm board \$99/m²

+ GST + freight, or free pickup. Board and finish together: 10% off the board and the finish on every finished m².

More from the datasheet

Flexural strength 1.4 N/mm² | Modulus of elasticity 140 N/mm² | Water absorption (short-term) under 1 kg/m²

R-values are for the board alone, not a finished wall. Sheet sizes +/- 1 cm on height.



Drywall and Finishes Calculator

Scan the code or go to the calculator. Put in your wall and ceiling areas, pick your board and finish, and we'll send you a price.

forms.respirabuilt.com.au/drywall

Questions? Call Jeremy on 0425 222 708.

RESPIRADRYWALL

Natural finishes

Every finish here is lime or clay, vapour open, and goes straight onto the board. No sealer, no plastic, nothing between you and the material.



Venezia

Our signature finish. Hemp shiv through lime putty, left exposed or trowelled smooth.



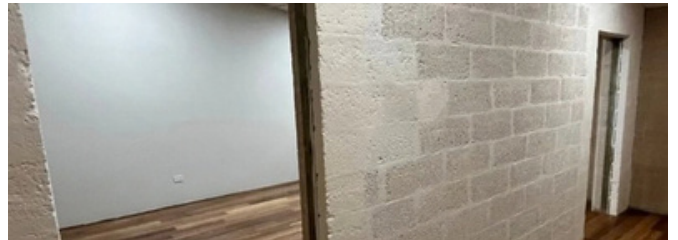
Canaposo

Venezia's finer sibling. Smooth, warm, softly speckled.



Malta Fine

A smooth, steel-trowelled finish over a Venezia base. Flatter and finer than the textured coats.



Lime Wash

Traditional brushed lime that ages into a patina.



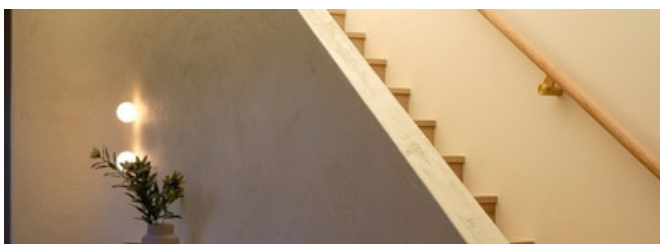
Lime Plaster

Smooth, flat mineral surface, hand-trowelled.



Otsumigaki

Silky clay and lime, burnished to a near-glass lustre.



Marrakesh

Stone-like tadelakt, lime and marble, hand-worked depth.

Board and finish together

Take a finish with the board and the pair comes down ten per cent on every finished m².

Delve further
respirabuilt.com.au/finishes



Scan for Venezia