

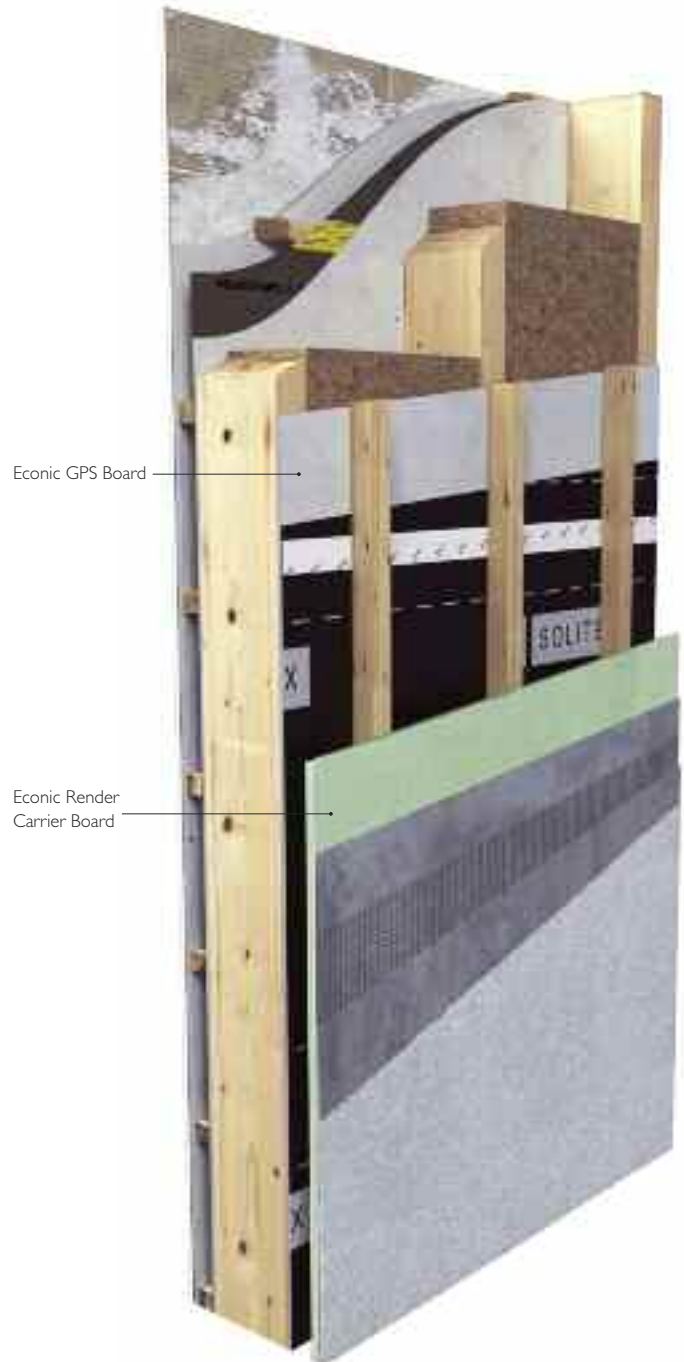
Render Carrier Board

A high performance, vapour open, moisture resistant carrier board compatible with polymeric, acrylic, lime, silicone and cement render applications.

UKAS tested to ETAG004 and MOAT 22 and proven to withstand extreme climatic conditions.

Key benefits

- Excellent dimensional stability
- Excellent bond strength
- Severe Duty Rated for impact
- Euroclass A1 rated for reaction to fire
- Easy to handle and cut on site
- Vapour permeable
- Weather resistant – will not delaminate or bow
- High pull-out strength – screw fix or nail
- Mould and mildew resistant
- Verified low embodied carbon
- 100% non hazardous material
- Category I racking strength
- Suitable for offsite pre-rendered panels
- Also suitable for exterior paint applications



Typical build-up showing Econic Render Carrier Board used in a timber stud system. Also ideal for metal stud systems. Render/mesh system to manufacturer's specification.

Dimensions

Width (mm) (mm)	Length (mm)	Thickness (mm)	Weight (kg)	No. of sheets per pallet
1200	2400	9	26.6	65
1200	2400	12	35.2	49

Pre-cut sized panels and lengths up to 2700mm also available.

Manufacture and composition

Econic Render Carrier Board is manufactured to ISO 9001 using high quality materials. The principal constituent is Magnesium Oxide (MgO). The board is non-toxic and free from formaldehyde, benzenes, solvents and oil-based chemicals.

Appearance

Econic Render Carrier Board has a polished surface on one side and a rough/keyed texture on the reverse suitable for applying a variety of bonded applications.

It can be rendered, painted or plastered.

Testing

Econic Render Carrier Boards have been tested to the following standards:

- Ceram UKAS approved ETAG 004 Test Specification – Result Pass
- Hygrothermal Performance in ETAG 004 March 2000 Guideline for Technical Approval of External Thermal Insulation Composite Systems with Rendering

For full details of test specifications and certification please contact us.

Sustainability

A full life cycle analysis conducted by the Centre for Energy and Built Environment verifies that Econicboard has a carbon emission rating 20% of cement fibre boards.

Sitework

Storage: Econic Render Carrier Board can be stored outside with suitable protection.

Cutting: Can be cut using normal wood working tools. A tungsten carbide or diamond tipped blade is recommended. Dust extraction is advised for high volume cutting/machining.

Fixings: Please contact us or Tri-fix (www.trifix.co.uk) for approved fixing details and installation guides

Performance data

Category	Method	Result
Frost protection	BS EN 12467:2004	Category A
Robustness	BS EN 12467:2004	Category A
Bond strength	ETAG 004 code standard	0.18N/mm ² 0.08N/mm ²
Dimensional stability	BS EN 318:2002	0.01% on length 0.18% on thickness
Wind loadings	EN 1991-1.4 + A1:200 Safety factor of 2.8	4.8kN/m ²
Moisture content	BS EN 322:1993 at 20°C - 65%, RH = at 20°C - 30%, RH =	15% 11%
Vapour resistivity	BS EN 12572:2001	1.2MNs/g
Thermal conductivity	ISO 8302:1991 EN 12664:2001	0.4W/mK
Density	BS EN 12390-7	1040kg/m ³
Tensile strength	BS EN 1608:997	4.20N/mm ²
Bending strength	BS EN 12467:2004	7.72N/mm ²
Modulus of rupture	BS EN 12467:2004	6.89N/mm ²
Pull-out resistance	BS EN 845-1	Excellent
Racking	BS EN 594:2011	
12mm timber	Top load 0KN Top load 5KN	2.05KN/m 1.88KN/m
12mm steel	Top load 0KN Top load 5KN	2.33KN/m 2.05KN/m

Joints: Allow a 3 to 4mm gap left between the boards. When installing Econic Render Carrier Boards the joints should be either filled with sealant or taped over according to render manufacturers installation guides.

Availability

Econic Render Carrier Boards are exclusively available from Duncryne through a national network of distributors. Please contact us at the address below to find your nearest supplier.

Other products

Duncryne are exclusive suppliers of a range of buildings boards to meet various demanding applications:

Econic Tile Backer Board, Econic Fire Board, Econic Render Carrier Board, Econic Soffit Lining Board, Econic Composite panel board.

Please contact us at the address below for more information.

Exclusively available from:

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