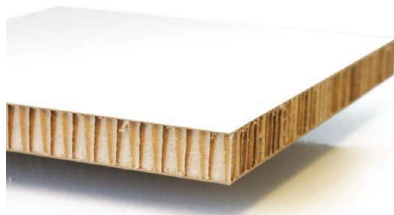


Re-board Technical Data Sheet

Issued April 2012, page 1

Re-board is a rigid paperboard with a unique engineered fluted core that comes in two versions, Premium and Basic. Re-board is incredibly lightweight yet exceptionally strong. Re-board has good planar flatness and provides thermal insulation and protection from different environmental conditions.



Printing and finishing

Re-board can be digitally printed or finished with decorative laminates to achieve stunning results. The unique engineered fluted core enables a Re-board sheet to be rapidly cut into any conceivable shape.

Sustainability

Re-board contains no harmful components and utilise water-based adhesives so Re-board can be recycled as paper in normal waste paper streams found throughout the world.

Carbon footprint

Re-board is first rigid paperboard in the world to independently measure its CO₂ emissions. 16mm Re-board CO₂ emission/sqm = 2kg, based on CEPI and ISO 14040 guidelines.

Flame retardant

A flame retardant version is available upon request. Tested in accordance with Euro Standard EN 13501-1:2007, this version of Re-board is rated Euro-class C-s1,d0, comparable with German Standard DIN 4102-1 "B1".

Certified management systems

The mill is FSC Chain of Custody certified according to FSC-STD-40-004 ver 2.1.



The mark of
responsible forestry

Producing mill

Re-board is produced in Norrköping, Sweden.



STORAENSO

Stora Enso Re-board AB
P.O. Box 242, SE-601 04 Norrköping, Sweden
www.storaenso.com/reboard

Re-board Technical Data Sheet

Issued April 2012, page 2

Re-board Premium	
Liner grammage (g/m ²)	500 (400 kraft liner + 20 PE + 80 print paper)
Opacity (%)	90.5
Whiteness (CIE)	117
Brightness (ISO 2470-2: D65, %)	95
Smoothness (PPS, μ m)	2.8
Surface gloss (TAPPI T 480: 75o, g.u.)	<25
Width (mm)	1220, 1600
Length (mm)	2200, 2400, 2440, 3200
Thickness (mm)	10, 16
Weight (kg/sqm)	2.2
Tolerance, corner curvature from flat (mm)	<10
Tolerance, general (mm)	\pm 3

Re-board Basic	
Liner grammage (g/m ²)	325
Whiteness (ISO D65/10, %)	84
Brightness (ISO R457, %)	79
Width (mm)	1220, 1600
Length (mm)	2400, 2440, 3200
Thickness (mm)	10, 16
Weight (kg/sqm)	1.8
Tolerance, corner curvature from flat (mm)	<10
Tolerance, general (mm)	\pm 3

In-plane compressive strength of Re-board at	
50% RH	15.9 kN/m
70% RH	11.6 kN/m
90% RH	7.72 kN/m

Out-of-plane compressive strength of Re-board at	
50% RH	826 kN/m
70% RH	676 kN/m
90% RH	351 kN/m



storaenso

Stora Enso Re-board AB
P.O. Box 242, SE-601 04 Norrköping, Sweden
www.storaenso.com/reboard