

Invotek STRAWBOARD

Description

Invotek STRAWBOARD is a sustainable and formaldehyde free alternative to conventional wood-based particleboard. As the name suggests, Invotek STRAWBOARD is made entirely from straw.

Benefits

- ✓ Formaldehyde free
- ✓ Produced from a sustainable waste material
- ✓ Excellent machining characteristics
- ✓ Healthy to work and live with
- ✓ Uses specialist binders to give increased moisture resistance
- ✓ Made from an homogeneous layer and can be nailed, screwed, painted and veneered
- ✓ Same strength characteristics as conventional particleboard, but at 10% less weight
- ✓ Conforms to all relevant safety standards

Uses

Invotek STRAWBOARD is suitable for many construction and joinery applications.

Flooring: 18mm strawboard is suitable for flooring and is available tongue and grooved in a range of panel sizes.

Walls: 12mm strawboard can be used for wall linings, provided that it is backed by a non-combustible (class A or A0) substrate

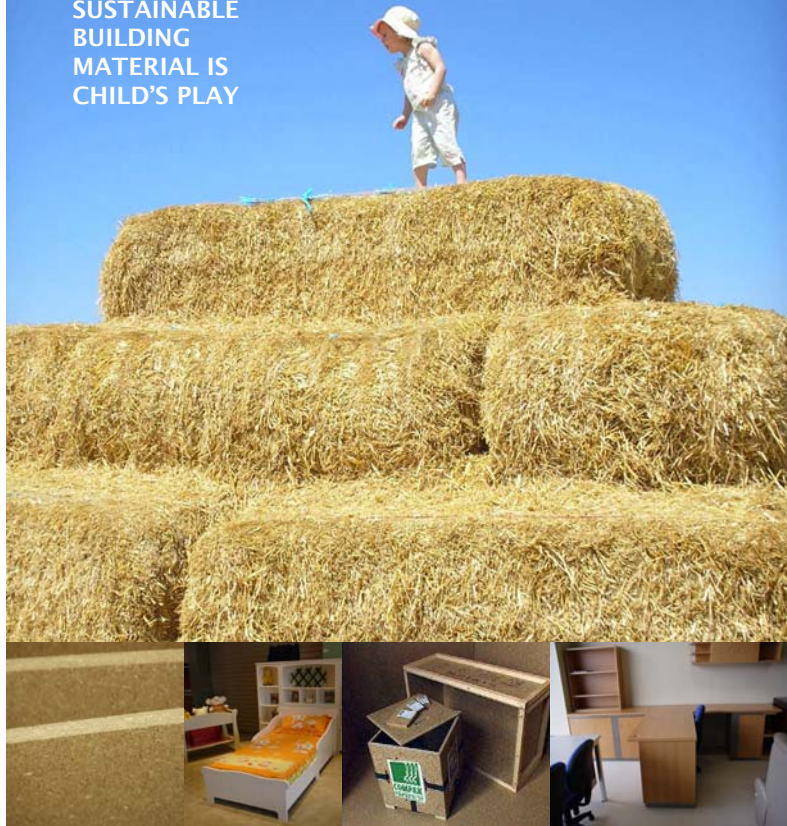
Joinery: Invotek strawboard can be used for carcassing and shelving

Technical data

Board sizes:	1.22 × 2.44 (other to order)
Thickness:	12mm, 18mm (other to order)
Density:	650 (kg/m ³)
Bending strength:	19 (N/mm ²)
Modulus of elasticity:	2850 (N/mm ²)
Internal bond:	0.70 (N/mm ²)
Reaction to Fire:	Class D
Thermal conductivity:	0.12 (W/m ² K)
Glue Type:	MDI (urethane based)

Invotek STRAWBOARD conforms to the BSEN 312 P4 requirements for load bearing particleboards.

FINDING A
SUSTAINABLE
BUILDING
MATERIAL IS
CHILD'S PLAY



Availability

Invotek Strawboard can be delivered throughout the UK and is available from the following distributors:

Mike Wye and Associates (Devon) - Tel. 01409 281644
sales@mikewye.co.uk www.mikewye.co.uk

Production Technology

Invotek STRAWBOARD is manufactured using the Compak System. This technology is licensed throughout the world By CS Process Engineering Ltd www.compaksystems.com

