

MORE FROM WOOD.

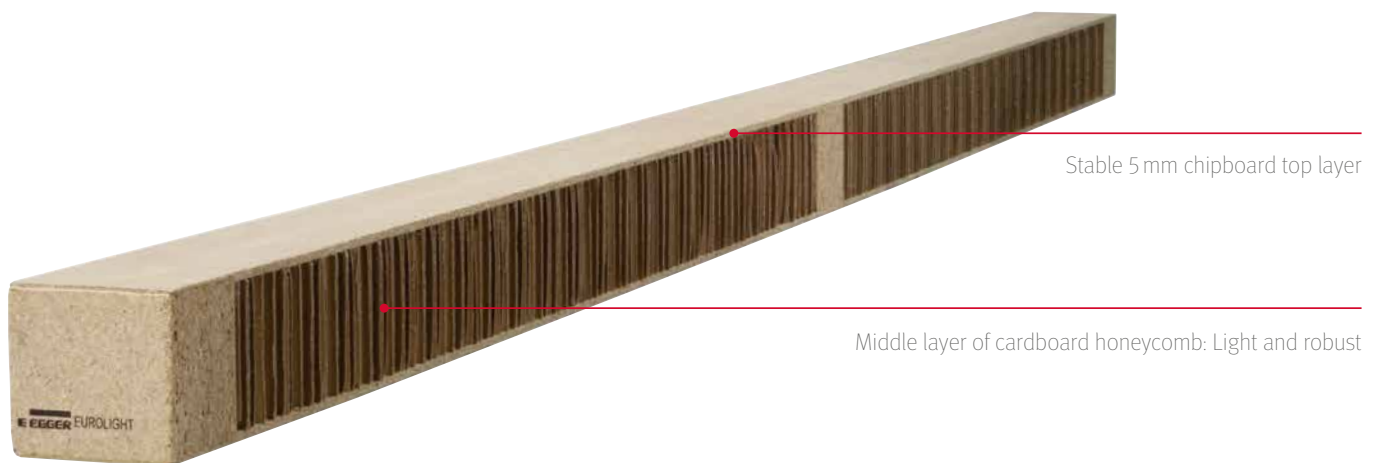


EGGER  
lightweight block  
Easy and  
safe stacking

# EGGER lightweight block for packaging

The EGGER lightweight block is a true innovation in the field of pallet packaging. It is made of a composite board with a stable 5 mm chipboard top and bottom layer and a light, but also robust middle layer made of cardboard honeycomb. Despite its low weight, the product is very stable.

Light, stable and resistant to pressure – this new generation of lightweight blocks offers superior efficiencies when it comes to supply quality and weight reduction.

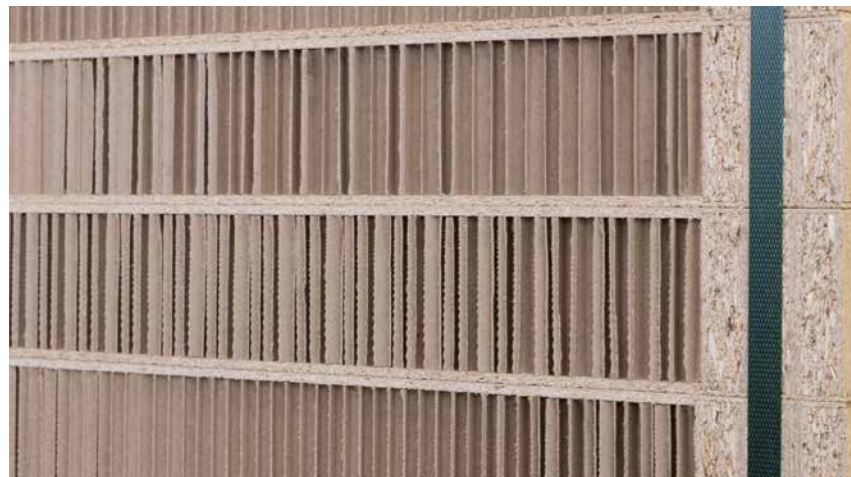


# Key benefits at a glance:

- Approximately 60 % lighter than a comparable underlay made of solid wood
- Lower weight = higher loading volume for products on the lorry  
Example: a lorry with 15 chipboard packages of 1.6 t each (= 25 t)  
saves 294 kg per lorry with the help of lightweight blocks
- Easier handling
- Optimal pressure distribution on the pallet and in the stack
- Disposal as with other wood-based materials



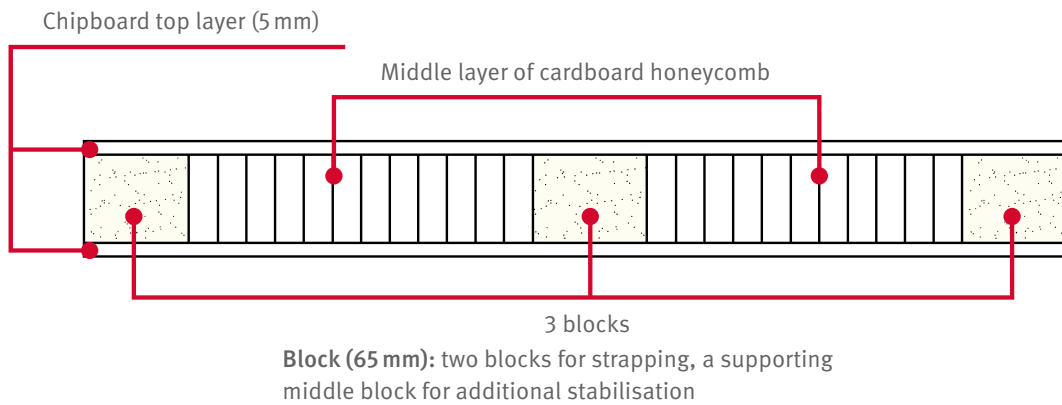
DEKRA tested for cargo securing on lorry



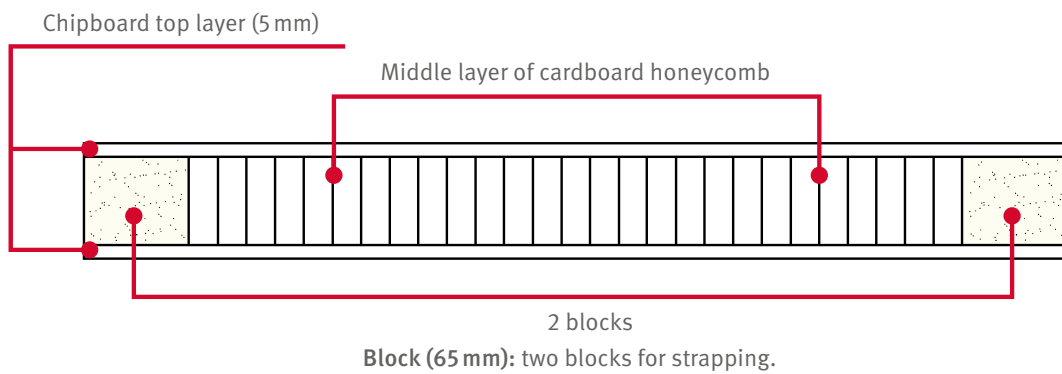


**E EGGER** EUROLIGHT

**Lengths with supporting middle block: 2,020 / 1,820 / 1,200 / 900 / 590 mm**



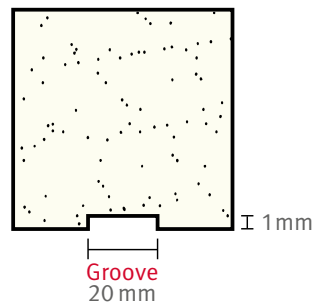
**Length without supporting middle block: 780 mm**



**Groove for straps:**



Groove for straps



**Standard dimensions:**

Lengths [mm]	Widths [mm]	Heights [mm]	Blocks	Groove
2,020	80	80	3	
2,020 / 1,820	80	80	3	×
2,020	98	80	3	
780	80	80	2	×
1,200 / 900 / 590	80	90	3	

Other dimensions on request.

# Weight and stress

Thanks to the stability of the lightweight blocks, block stacking (on four underlays) is possible with a maximum total weight of up to 24 tonnes. This makes sure that efficient storage through stacking can be achieved.

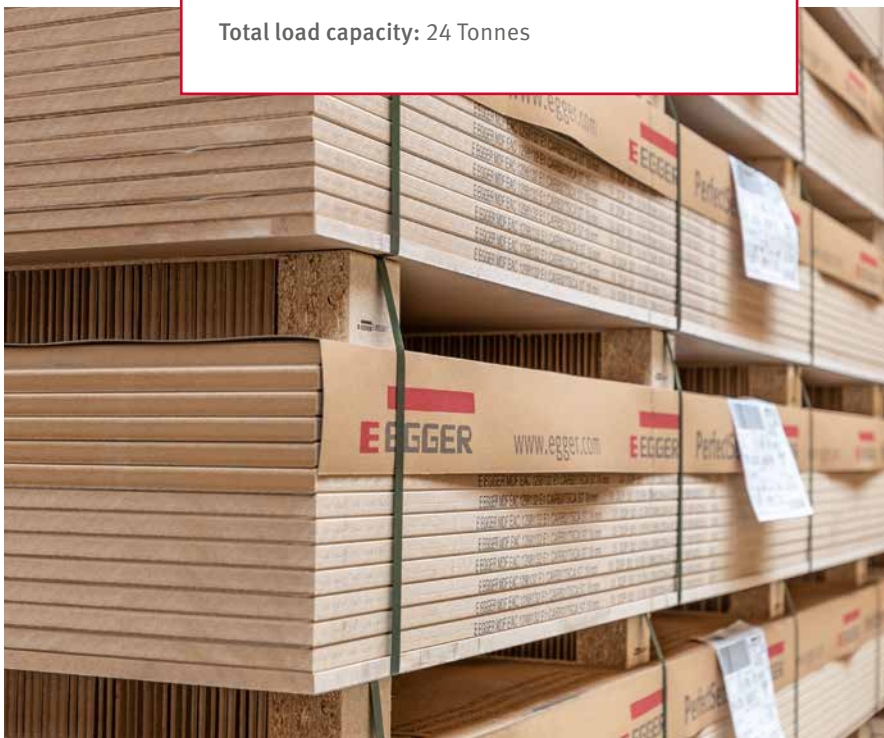
- Weight for a length of 2,020 mm: 2.4 kg
- Stress benchmark: 4.1 kg/cm<sup>2</sup> compressive strength with static stress

## Example:

Raw chipboard in half format (2,800 × 2,070 × 19 mm)

- Package height approx. 56 cm
- 4 underlays per package
- Load capacity per underlay with uniform surface load: 6 tonnes
- Stacking height approx. 12 packages = 6.7 m

**Total load capacity: 24 Tonnes**



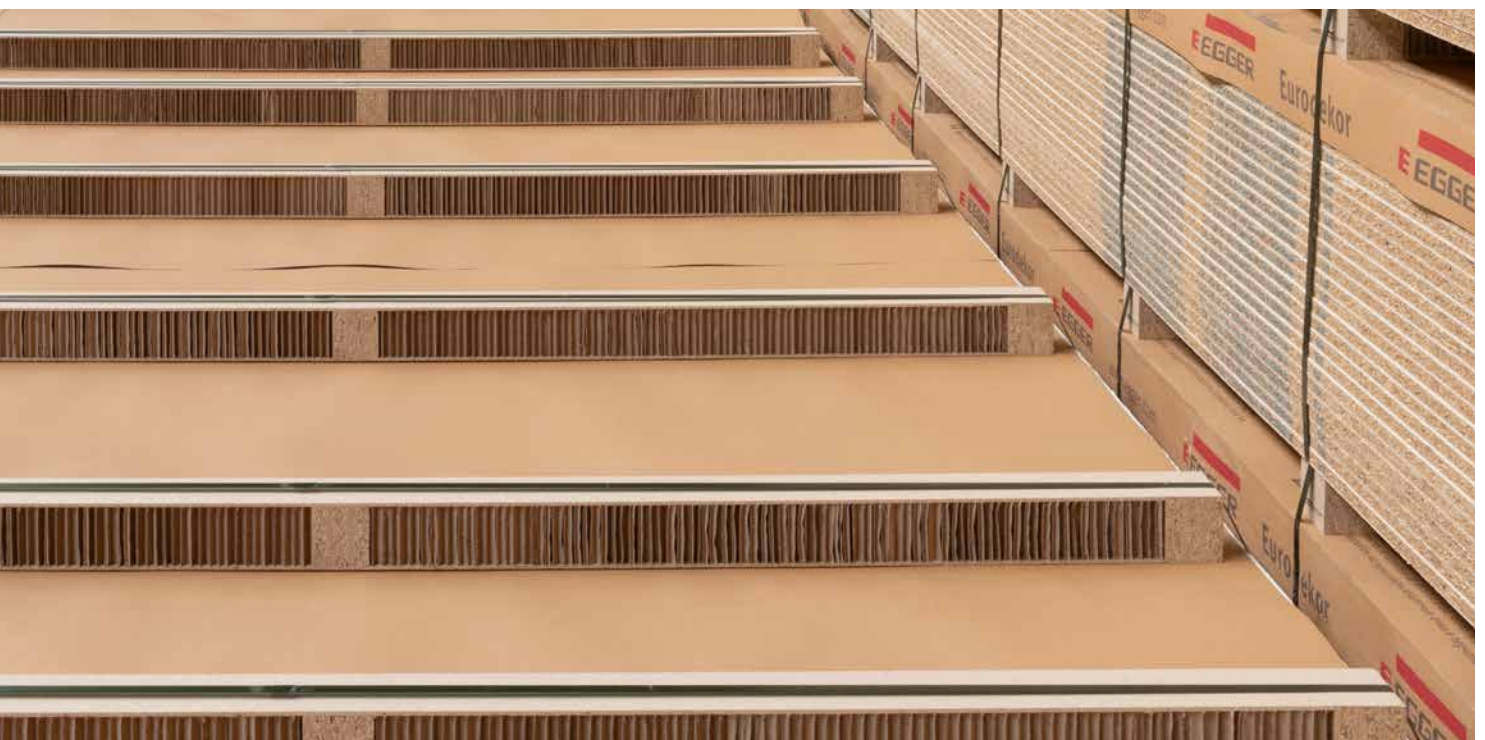
# Notes for storage and stacking

The underlays must be placed full-surface on the packages. Wooden supporting blocks may not project beyond the edge of the package. It is important to handle the material with care. Offset placement or subsequent displacement of the underlays may cause damage.

- Stack tied on both sides with plastic strap via the outside block
- Storage of flat sub-layer in dry and ventilated spaces
- Not suitable for outdoor storage

# Promote sustainability

- Saving resources: stable lightweight honeycombs replace valuable massive raw materials
- Waste avoidance: multiple use with gentle handling
- Recovery: Lightweight honeycomb made of recycling cardboard and reuse in wood-based material production possible
- CO<sub>2</sub> reduction, reduced packaging weight = better lorry utilisation



[www.egger.com](http://www.egger.com)

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