

TECHNICAL DATA SHEET

“THOR”, “THYR” DECKING BOARD

Product description

The eco-Profil decking boards are composed of 60% reclaimed wood fibre, 35% recycled plastic and 5% of additives (pigments, process additives)

Dimensions

Section: 143,5 mm x 23,5 mm (± 0,5 mm)

Available standard lengths: 240, 300, 360 and 480 cm

Material properties

<i>Parameter</i>	<i>Value</i>	<i>Units</i>
Linear thermal expansion coefficient (in length)	0.025	mm / m °C
Density	1080	kg/m ³
Durability class	1	Class
Dynamic friction coefficient (dry)	0.33	
Dynamic friction coefficient (wet)	0.34	
Water absorption 28 days	2-5	% wt
E-modulus (EN 310)	2500-3000	N/mm ²

Safety features

No harmful substances are released when working with these materials. However, it is advised to wear dust protection, safety gloves and goggles when using electrical equipment to work with the profiles.

Environmental properties

The profiles are manufactured from recycled wood and plastic raw materials, thus eliminating local waste streams, the need for cutting down tropical forests and transportation across the globe.

The end products are 100% recyclable.

Transport and storage

Profiles need to be stored horizontally, well supported (maximum distance between supports 80 cm).

Boards need to be handled by two people, transport is to take place horizontally.

Eco-Profil GmbH advises to acclimatise the boards for 24 hours in a well ventilated area before use, shielded from direct sun light so as to use boards of uniform temperature.

Maintenance and cleaning

Very little maintenance is needed to keep the eco-Profil materials in top shape. Brushing with a soft brush is usually sufficient to keep the surface clean from dust and debris.

High pressure cleaning is allowed if the applied pressure is not higher than 80 bars and a jet distance of 20 cm is respected. Only spray in the groove direction, avoiding circular movements.