



F Ö R S T E R TM
Naturally Perfekt

EcoDek

Sustainable Industrial Flooring



Engineered by **EC**BOARD[®]
In collaboration with the Earth

Förster

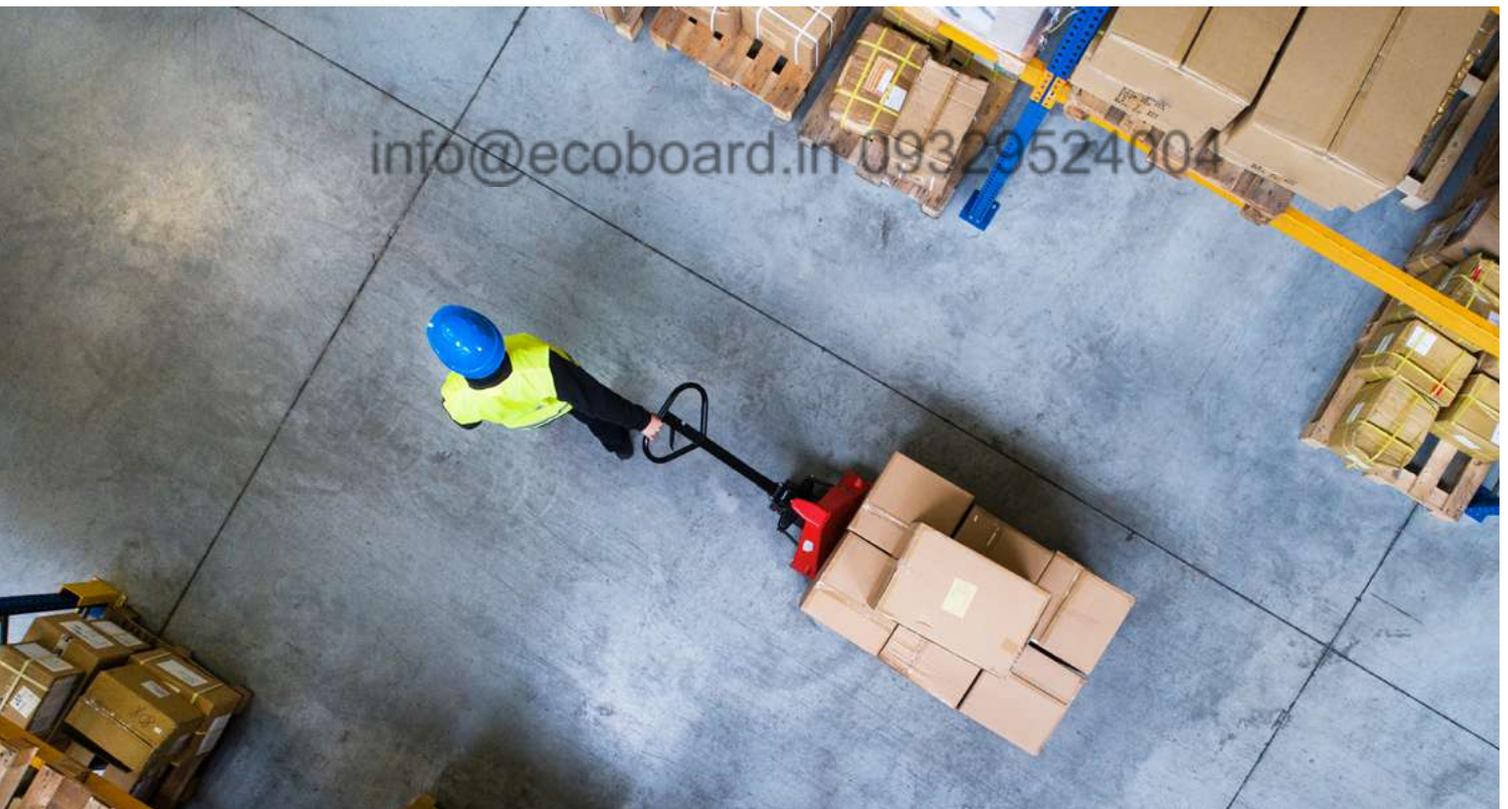
Förster is a range of premium building materials from EcoBoard. German for Forest Ranger, Förster is committed to protecting forests through environmentally compatible processes. Developed with German engineering, Förster products are made using top-of-the-line German machinery.

Förster offers highly functional and sustainable building materials, which are substitutes to traditional steel or wood-based panels. The brand's extensive portfolio assures products specific to the needs of its varied clientele.

EcoBoard

EcoBoard is one of the World's leading companies developing Sustainable Building Materials. Its technology and processes are heavily centred around the environment, with a mission to help protect and restore nature, while crafting superior quality products.

EcoBoard processes natural fibres to create wood-free panels. EcoBoard is the first company to receive an Ecomark approval from the BIS, an indication of the minimal impact caused to the environment.



EcoDek

EcoDek is a composite panel engineered specifically to meet industrial flooring needs. The panels have high load-bearing capacities, along with being fire-retardant. EcoDek products directly replace the need to use steel plates or wood, allowing for sustainable spaces. The panels are lightweight, with a high level of functionality, and are customised according to each customer's needs. World's first multi level ware house using sustainable panels is done with VF corporation in 2008.

Advantages

EcoDek panels are **E1 grade, fire-retardant** and **termite proof**. They are designed to withstand **High Point Loads**, offering larger weight-bearing capacities. EcoDek panels come with abrasion-resistant laminates, making them **water resistant** and **durable**. Made with natural fibres, EcoDek panels help save forests and **reduce carbon footprints**. They possess insulative properties, making them the ideal choice for goods requiring **temperature control**.

Applications

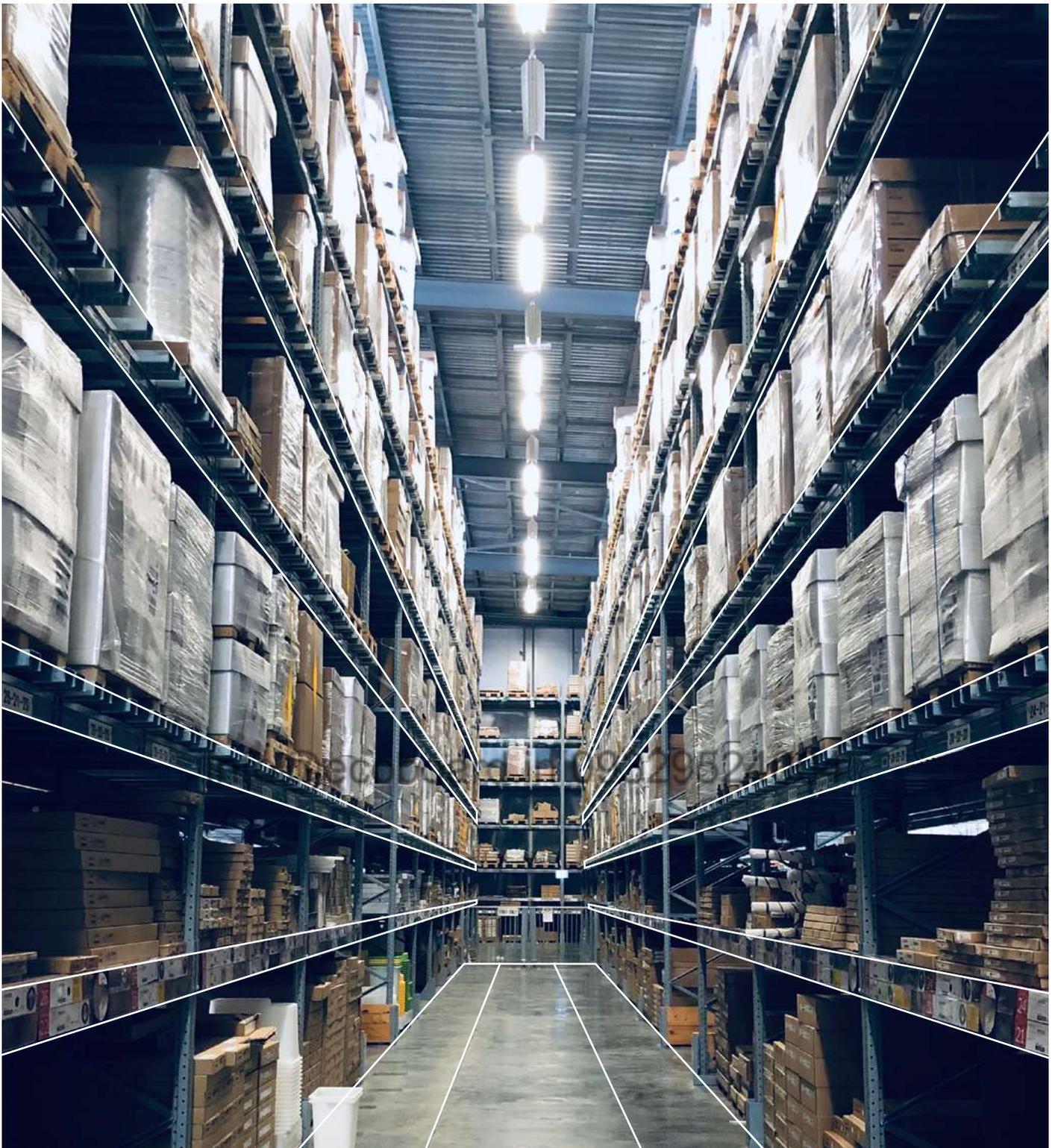
Förster's EcoDek panels lend themselves to a variety of industrial uses.

- Warehouses
- Industries
- Logistics
- Showrooms
- Auditoriums
- Stage
- Cold Storage
- Offices



Customers





EcoDek panels can resist temperatures of over 500°C



EcoDek panels comply with European norms, making for safer spaces



EcoDek panels are made of natural fibers and certified with an Ecomark from the BIS



EcoDek products are build around a solid core, assuring high quality panels



Fire-retardant EcoDek products are fire-retardant to ensure a secure experience



EcoDek panels have high UDLs (Uniform Density Load), ranging from 500 kg/ m2 to 1250+ kg/ m2



Perishable goods require specific temperatures for storage. EcoDek panels are made with an insulative material to offer temperature control

Finishes

Laminate (Plain/ Wood Grains)

Sizes (in mm): 4090 X 1828 / 2045 X 1828 (other sizes on request & subject to availability)

Grade: HD

Thickness: 25mm, 30mm, 35mm (any other thickness on request)



EcoDek vs EGGER

Technical Specifications	Method	Units	Requirements	EcoDek	EGGER
Screw Withdrawal	EN 323	kg/m3	550	745	649
Thickness Swelling(2hr)	EN 310	N/mm2	>13	17.2	14.2
MC	EN 310	N/mm2	>2250	2616	2330
Solid Core	EN 319	N/mm2	>0.4	0.54	0.39
Carving	EN 317	%	<8	2.4	7

EcoDek panels can withstand a high-temperature gas torch 7 times more than a steel plate used in this application.

Disclaimer: The results are based on tests done in controlled conditions and for specific applications. Actual results will be vary in based on environments, usage and different grade of materials. The above values are only for reference purpose only and all images used are for representation purposes only.



Lotus Plant

Förster's EcoDek panels share an association with the Lotus Plant. Known as a representation of creation, lotus leaves are large in size and grow well in multiple environments while being easy to maintain. They possess a unique quality of hydrophobicity, meaning they are extremely repellant towards water. These qualities are embodied by EcoDek panels.

Your Förster product is of the highest quality, having undergone thorough checks at each stage. For every five panels purchased, you are helping to save one tree from being cut down.

Other Förster products



ECO FREEZE



ECO WAL



ECO PAC

Liability: Where as the products manufactured are exacting standards, the nature of applicant procedure is beyond our control. While we are pleased to offer advice, we cannot guarantee the finishing results or accept liability for it. All information is provided in good faith but without warranty expressed or implied. The liability of the company is limited for replacement of defective goods(manufacturing defects) only. It is therefore necessary that prior to any commercial use you should conduct your own test to evaluate efficacy of the product under the particular condition for its intended use.

Warranty: Ecoboard warrants that all its products are free from manufacturing defects and perfectly fit for use under normal conditions in case of any claims the liability of the company however is limited to cost of the product only. Note the samples on here are only indicated of the color design data patterns and texture available.