



Playgrounds
for a greener
future



Publisher: KOMPAN A/S

KOMPAN Group is one of the world's leading manufacturers of outdoor activity areas.

Copyright 2022 KOMPAN A/S / All rights reserved.



According to the United Nations, we need to reduce carbon emissions by 45% before 2030 in order to keep the global temperature increase to only 1.5 degrees.

At KOMPAN we take part in the responsibility of lowering carbon emissions, and we provide the possibility of making green choices with lower carbon emissions when building playgrounds.

The biggest impact on our CO₂ emissions is raw materials

For a company like KOMPAN more than 80% of carbon emissions comes from the raw materials.

Therefore, KOMPAN has chosen to focus heavily on two things that most effectively help lower CO₂ emissions:

- To keep pushing the development of our own raw materials to increasingly post-consumer recycled waste instead of using virgin materials. We call it Made Green.
- To use sustainable raw materials that are "naturally green" such as robinia wood. We call it Born Green.



MADE GREEN means that products are made of post-consumer recycled materials such as ocean waste, used textiles, food packaging waste, used plastic bags etc. Our Made Green products are made with an approximately 50% reduction in carbon emissions compared to similar traditional products made from virgin sources (depending on the chosen product).



BORN GREEN means that products are made of nature's own building material, wood, sourced from sustainable forestry and are therefore naturally low in carbon emissions.



-74%*
CO₂e/kg

Using TexMade™ posts made from 100% post-consumer recycled textile and plastic waste, instead of using steel posts, reduces carbon emissions by 74% CO₂e/kg when comparing 1m steel post (2mm pipe thickness) to 1m TexMade™ post.



-76%*
CO₂e/kg

Using EcoCore™ HDPE GreenLine panels in ocean green made from 100% post-consumer ocean recycled waste, instead of using panels from post-industrial waste, reduces carbon emissions by 76% CO₂e/kg



-70%*
CO₂e/kg

Using BLOQX™ GreenLine panels made from 75% post-consumer ocean recycled waste, instead of using standard BLOQX™ panels, reduces carbon emissions by 70% CO₂e/kg on the panels.



-56%*
CO₂e/kg

Using low-carbon aluminium profiles produced with renewable energy sources, instead of using aluminium profiles made with traditional energy sources, reduces carbon emissions by 56% CO₂e/kg.



Using nature's own materials, such as robinia and pine wood from sustainable forestry, where wood is bred for harvesting and both planting and harvesting is carefully controlled, results in sustainable and highly durable playgrounds.

* All figures compare
kg CO₂e/kg



Made Green

KOMPAN's Made Green GreenLine products are made with an approximately 50% reduction in carbon emissions compared to similar traditional products made from virgin sources.

Born Green

materials are made of nature's own building materials, such as wood from sustainable forestry, and are therefore very low in carbon emissions.



Choose KOMPAN, choose lower carbon emissions

We make it possible to lower carbon emissions by choosing Born Green and Made Green products

For companies like KOMPAN more than 80% of carbon emissions comes from the raw materials.

To make the biggest contribution to lowering carbon emissions and lower the contribution to climate change, we have chosen the meaningful path of switching to more sustain-

able raw materials and partly developing new sustainable raw materials, together with our suppliers.

This means that you can now make real green choices for your playground with KOMPAN solutions that are Born Green or Made Green.



Complete transparency

Green data is available for all our products, for comparison of carbon emissions.

Sustainability



Cradle to Gate A1-A3	Total CO ₂ Reduction	CO ₂ kg	Recycled materials
	kg CO ₂ e	kg CO ₂ kg	%
KOMPAN-report	2 145.25	2.82	52.33
KOMPAN-report	1 755.60	1.82	64.50

Validation of
CO₂ calculation

BUREAU VERITAS
HSE Denmark A/S



Validated CO₂e calculations

For many years, we at KOMPAN have been working with sustainability and environmental concerns in our product development, and we do not take easy steps in making green claims:

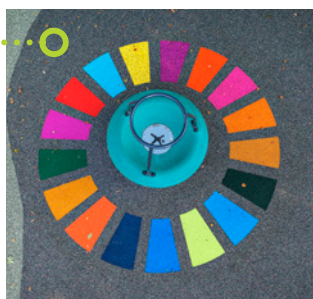
- We work with Bureau Veritas who validates all our calculations of recycling and carbon emissions.
- We make it possible for customers to choose lower carbon emissions by choosing products that are either Born Green or Made Green.
- We make green data available for all products for comparison of carbon emissions data – Made Green or Born Green products versus traditional products.

Made from raw materials with lower carbon emissions

Made Green with research and development or Born Green from nature

FLEXOTOP™ ECO Sneakergrind surfacing

is made of 20% sneaker-grind blend and 80% post-industrial recycled EPDM – Made Green



Ocean Green panels

(in Dark teal) are made from 100% post-consumer ocean recycled waste collected from the maritime industry such as fishing nets, ropes and trawl nets – Made Green

Panels in other colours

(EcoCore™ HDPE) panels have a core made from 100% post-consumer recycled waste and are 80% recycled + 20% virgin plastic on the coloured cap layer – Made Green



TexMade™

posts are made from 100% post-consumer recycled textile and plastic waste – Made Green

BLOQX™ climbing panels and decks

are made from 75% post-consumer ocean recycled waste – Made Green



Extruded aluminium

profiles are made using low-carbon aluminium – Made Green

Rotomoulded

components for Supernova, Spinner Bowl, Tipi Carousel etc. are made from 25% ocean recycled waste, collected from the maritime industry, such as fishing nets, ropes and trawl nets – Made Green



Robinia products

are made of robinia wood from sustainable forestry that develops so much oil when growing that it is self-sustaining and very long-lasting – Born Green



ROBINIA WOOD IS A STRONG AND VERY DURABLE RAW MATERIAL.
IT CAN WITHSTAND WEATHER AND LONG USAGE.



We choose sustainability ...

The result of KOMPAN's many years of research and development is products that are now just as good to play on, look just as good, are just as solid and come with just as long warranties.

Here are some of the green choices we have already made:



All decks for Moments™ PCM are 75% ocean recycled waste, collected from the maritime industry, such as fishing nets, ropes and trawl nets.



All robinia and pine wood is from sustainable forestry.



All extruded aluminium is made using a low-carbon process.



All catalogues and brochures are printed on sustainable, FSC®-certified paper.

All panels have a core made from 100% post-consumer recycled waste. Ocean Green panels are 100% recycled. Standard panels are 80% recycled + 20% virgin plastic on the coloured cap layer. Both types can be 100% recycled at end of life.



... Your choices can take it even further

You have the possibility to take sustainability to an even higher level with KOMPAN GreenLine or FSC® choices such as:



Choosing the ocean green (dark teal) GreenLine version, as the cap layer is made of 100% post-consumer ocean recycled waste.



Our robinia and pine wood come from sustainable forestry, but you can also choose to have it FSC®-certified.



Choosing TexMade™ posts, as the posts are made of 100% post-consumer recycled waste.



Choosing our GreenLine products such as Supernova, Spinner Bowl and Tipi Carousel, as they are made of 25% ocean recycled waste.



Choosing BLOQX™ in the GreenLine version, as BLOQX™ panels are made of 75% ocean recycled waste, collected from the maritime industry, such as fishing nets, ropes and trawl nets.



Pre-school age playground

The pre-school solution is a low-carbon playground that attracts children with its colours and materials. The many different, themed play activities invite the children to come and play. Who doesn't want to ride the scooter or have fun with the dolphins?

The large play structure offers many different physical challenges such as climbing, sliding and crawling. The different play panels attract young children with their rich play variations and spur everything from tactile to thematic play. Benches create the perfect opportunity for parents and teachers to relax while watching the children play. The playground fits any kindergarten or park and is a great low-carbon choice.





Park playground

The park solution draws attention with its inspiring story and exciting variety of play activities. The different areas and equipment invite for different levels of play and activities, making the playground exciting and challenging for different age groups.

Toddlers can explore the train, while tweens can climb and explore the BLOQX™. The seating areas give parents and grandparents the opportunity to be part of the fun. A playful tale of a low-carbon playground made from recycled plastic and textiles, packed with hours of fun for all ages and abilities.





School-age playground

The school yard playground attracts children in the school age with its exciting play activities and thrilling height. Imagine standing in front of a rock, trying to find the courage to climb up one of the many different routes to the top. This is just one of the thrilling play scenarios that school-age children can experience at this low-carbon playground.

Many different play options are offered that will keep children occupied for hours on end. They can climb the BLOQX™ and experience the thrill of climbing challenging surfaces and jumping down. The BLOQX™ also encourage social play, as the children can use them to create hang-out spots with friends.





Robinia playground

The robinia pirate ship has been followed by cyclones and dolphins, and has now entered the harbour of the bay. The sailors have put their boat in the water and set sail towards the small castle and village. On the beach, the inhabitants are ready to meet the sailors. The children's imaginations can take many forms. The robinia play structures match the surroundings and enhance nature in any environment.

The many different, themed play activities will retain children for hours as they create their own little play story. Pirates, ship-wrecked sailors, inhabitants of a secluded village in the jungle... Imagination knows no bounds at this natural low-carbon robinia playground.

High-quality materials

Nothing lasts forever. All playgrounds face the trials of weather, use and abuse, and will eventually succumb to the ravages of time. That day can be postponed for a lifetime by using the finest materials and the cleverest designs. Quality costs, but quality also lasts. A simple equation that in the fullness of time pays dividends.

DECKS

All decks are supported by uniquely designed low-carbon aluminium profiles with multiple attachment options. The grey-coloured moulded decks are made of 75% post-consumer ocean recycled waste PP material with a non-skid pattern and texture surface.*

POSTS

Main posts are available in four different materials.

1. TexMade™ posts made from 100% post-consumer textile and plastic recycled waste.*
2. Impregnated pine wood with in-ground steel footing.
3. Galvanised steel with powder-coated top finish.
4. Colour-anodised lead-free aluminium, made from low-carbon aluminium.*

PLAY PANELS

The 19mm EcoCore™ panels are made from a highly durable, eco-friendly material, which is not only recyclable after use, but also consists of a black core produced from 100% post-consumer recycled material from food packaging waste.*

The dark teal EcoCore™ panels, used in KOMPAN GreenLine products, are made of 100% post-consumer ocean recycled waste.*

ROPES

Ropes come with galvanised six-stranded steel wires and a steel core, impossible to wear through. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand, making the ropes highly wear and vandalism-resistant.

GALVANISED STEEL

Our steel surfaces and frames consist of a hot-dip galvanised inside and outside with lead-free zinc according to global safety standards for playground equipment. The galvanisation has excellent corrosion resistance in outside environments and is maintenance-free.

* Made Green materials



Warranty

We have industry-leading warranties



LIFETIME* warranty

- Hot-dip galvanised parts
- Stainless steel parts
- **EcoCore™ and other high-density polyethylene (HDPE) panels**



15-year warranty

- **Robinia wood parts**
- High-pressure laminate (HPL) parts
- Aluminium parts



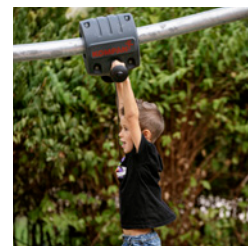
10-year warranty

- **TexMade™ posts**
- Pre-galvanised posts with painted top layer
- Painted surface on galvanised or aluminium metal parts
- Stainless steel slides
- Electrogalvanised metal parts
- **Moulded PP decks**
- Solid plastic parts
- Hollow plastic parts
- Transparent polycarbonate (PC) parts
- Rope & net constructions
- **Pine and other wood types**
- Wood-plastic composite (WPC) parts



5-year warranty

- Resin-coated plywood parts
- Springs & ball bearing assemblies
- Graphic print on transparent PC panels
- Concrete parts
- **FLEXOTOP™ ECO system with virgin EPDM top layer**
- Galaxy connection balls



2-year warranty

- Moveable plastic & metal parts
- Rubber membranes
- Screens and electronic parts
- **FLEXOTOP™ ECO system with recycled EPDM top layer**
- Sunshades & sail solutions

* KOMPAN's LIFETIME warranty is in effect for the lifetime of the product until the product is uninstalled and/or taken out of use. In addition, KOMPAN's general terms and delivery conditions apply and supplement this warranty.



Warranty coverage

This warranty applies to KOMPAN's products for the time periods described for each product type above and with the limitations described in this warranty. The warranty period applies from the date of purchase by the first customer. This warranty covers only defects in materials. KOMPAN's liability under this warranty is limited to repair or replacement of defective products, without charge, at KOMPAN's discretion. Defective electronic components will be delivered and changed by a KOMPAN ICON Professional installer free of charge.

Proper installation and maintenance

The warranty only applies if KOMPAN's products have been installed according to the instructions provided by KOMPAN and maintained correctly according to the KOMPAN Maintenance Manual. All warranty claims shall be accompanied by full documentation for proper installation and maintenance. The warranty for the ICON electrical components is dependent on those products being installed by an ICON-trained and approved installer.

Warranty exclusions

This warranty does not cover any damage caused by accident, improper care, negligence, normal wear and tear, surface corrosion on metal parts, discoloured surfaces and other cosmetic issues or failures due to misuse or vandalism. Natural changes in wood over time are considered cosmetic issues and are not covered.

Near water installations

Products installed in direct contact with chlorinated water or saltwater (Waterparks), or products installed within 200 metres from the shore are not covered by the KOMPAN warranty for any defects caused by corrosion. Specially designed products (handled via the department for customised products), provided they have been upgraded to corrosion class C4 prior to delivery, installed within 200 metres from the shore (and not in direct contact with saltwater/spray of saltwater or chlorinated water (e.g. water parks)) shall, subject to the applicable warranty period for each product type set out in the general warranty, be covered only against structural failure caused by corrosion (excluding moving parts) and under no circumstances for any period longer than 10 years.

Third-party supplied products & services

KOMPAN provides non-KOMPAN branded products and installation services performed by certified third-party suppliers. This general KOMPAN warranty does not apply to such non-KOMPAN branded products and installation services, which may carry their own warranties. KOMPAN will pass on information on such warranties where possible.

Freight and warehousing

Global transport and logistics arranged by KOMPAN appointed forwarder. Products/items are not to be stored outside waiting for installation and must be kept dry at all times.



Let's help you create a playground with lower carbon emissions



KOMPAN International Sales

C.F. Tietgens Boulevard 32C

5220 Odense SØ

Denmark

Tel.: +45 63 62 12 50

export@kompan.com

www.kompan.com