

# EKOply®



The Recycled Plastic Replacement  
For Timber Sheet Materials

*"The environmentally responsible alternative"*



**EKOply** is an 8ft x 4ft plywood sheet alternative made from 100% recycled plastic. It is designed to be a long term, environmentally friendly replacement for traditional timber sheet materials

# “What is EKOply?”



EKOply is produced from 100% mixed waste plastics - mainly PE (Polyethylene) and PP (Polypropylene) which typically ends up being land-filled or incinerated.



Waste plastics are washed, shredded and pulverised before being placed into a mould to produce a full sheet of EKOply





# WHY CHOOSE EKOPLY?



The environmentally responsible  
alternative™

- 100% Recycled waste plastic - environmentally friendly
- Easy to work with - Can be cut and fixed in the same way as timber
- Available in 19mm and 12.5mm thickness options
- Anti-slip and coloured options available
- Rot and weatherproof
- Tough, durable and fairly rigid
- Perfect for use in and around water including saltwater
- No maintenance costs
- Chemically inert, so no concerns around formaldehyde off-gassing
- Will not swell in wet conditions
- Chew resistant and non-toxic, making it perfect for animal housing
- Does not contain any hazardous substances according to ordinance No 1907/2006 of the European Parliament and of the council dated 18.12.2006 (REACH)



# EKOply Sheet Options



The environmentally responsible alternative™



EKOply

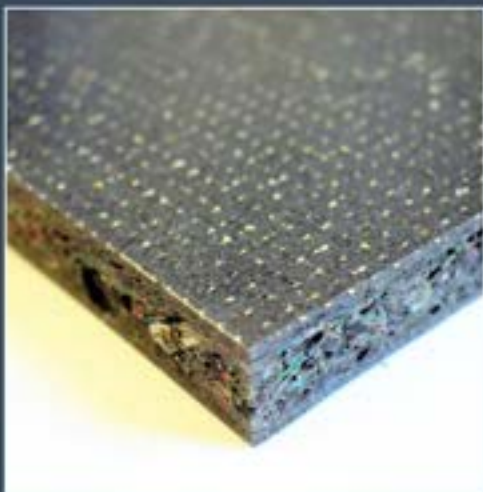
## 19MM STANDARD

EKOply 19mm is produced with coarsely ground material at the core, with a fine pulverised material used for the top and bottom surface to achieve a smooth finish

Dimension : 2440mm x 1220mm

Weight : Approx. 33kg

Available Colours



EKOply

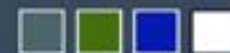
## 20MM ANTI-SLIP

EKOply 20mm Anti-slip shares the same characteristics as our standard 19mm, with the addition of an integral Anti-Slip mesh on one side. This is great for flooring and shelving applications

Dimension : 2440mm x 1220mm

Weight : Approx. 34kg

Available Colours



---

## Frequently Asked Questions

- **Will there be colour variations?** *As a recycled sheet there can be significant variations in shades/colours of the skin and core depending on the waste plastic used in production.*
- **Will EKOply expand?** *Yes, the sheets will expand and contract with changes in temperature. It is essential to leave room for expansion between sheets when fixing as with all plastic materials*
- **Can I have more technical information?** *We can supply technical documents and test data along with environmental data upon request - just drop us an email or visit our website.*



# EKOply Sheet Options



The environmentally responsible alternative™

## EKOply

### 12.5MM STANDARD

EKOply 12.5mm is produced entirely from the finely ground material used in the surface layer of the 19mm sheets.

Dimension : 2440mm x 1220mm

Weight : Approx. 25kg

Available Colors

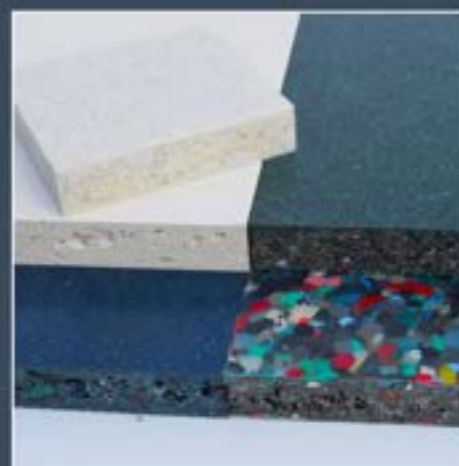


## EKOply

### COLOURED OPTIONS

As EKOply is produced from mixed waste plastics, we cannot offer specific colours. There can be significant variation in colour from batch to batch, this is especially true in the case of the white fleck and speckled sheets as illustrated by the 2 different white fleck sheets shown.

Available Colors



## Frequently Asked Questions

- **Can standard wood working tools & fixings be used?** Yes, we suggest good quality tungsten carbide tips. We do not recommend nailing or gluing. Self-tapping posi-screws are recommended, please see the General Technical Information sheet.
- **What support/ struts are required for EKOply?** Whilst EKOply is a fairly rigid sheet, it will require more support than traditional plywood. Please ask us for more information.
- **Are the sizes of the sheets exact?** Due to the sheets being produced from mixed recycled waste plastics, there can be variation in the thickness. The tolerance on thickness is +/- 10%

# "WHAT CAN I USE EKOPLY FOR?"

EKOply sheets are extremely versatile and are perfect for a wide range of applications. They have been used in construction, agriculture, retail and marine industries with great results. Here are a few of our favourite uses for our sheets.



**WHEELCHAIR  
RAMP**

EKOply 19mm Anti-slip  
in use as a wheelchair  
access ramp for a school



**HOARDING**

White Fleck 19mm EKOply used  
as hoarding around Bath Abbey  
and removed after 3 years for  
use on another site.



**LIVING  
WALL**

EKOply 19mm used as a backing  
sheet for a living wall - a  
permanently wet environment.



**SKATE  
RAMP**

The extra flexibility of the  
EKOply 12.5mm was perfect for  
this curved skateboard ramp





**RECYCLING  
BIN**

A wide range of waste plastics are used in our colourful speckled sheet.



**MODEL  
RAILWAY**

EKOply 12.5mm used to replace rotten ply as an outdoor model railway track



**FITNESS  
BOX**

EKOply 19mm used to create outdoor gym equipment for cross-fit sessions



**PRODUCT  
DISPLAY**

Recycled EKOply, used to produce a recycling station - the perfect closed loop product!



**RAISED  
BEDS**

EKOply 19mm used with aluminium edging to create modern looking raised beds



**PRODUCT  
DISPLAY**

Green 19mm EKOply used as a bottle recycling station by The Body Shop

# TESTIMONIALS



*"We have now completed the solar PV project. The sheets worked very well. There are 29 solar panels on the roof with EKOply sheets supporting a weight of over 4.5 tonnes of ballast blocks. We will certainly use these again!"* **Chris Eades - Craven Energies**

*"Setting ethical standards by use of promoting an excellent example of sustainable recycling"*  
**Isle of White Zoo**

*"EKOply is proving to be a successful product for us. Farmers are increasingly looking for products to give longer service life to keep costs down, and when comparing EKOply to plywood, its lifespan makes it very cost effective. The benefit of being able to wash down and disinfect EKOply compared to plywood which can harbor bacteria and disease makes it an attractive product"* **Charlie Hughes - Wynnstay**

*"If EKOply was available in the 1950's, I am sure that MG would have had it on their production line. EKOply has the advantage of being a finished product - no treatment needed - just cut and fit!"* **MG Car Enthusiasts**