

EKOply FAQs

Thickness (+/-10%)	Weight (+/- 10%)
19mm	32kgs
12mm	27kgs

19mm & 12mm available in standard and anti-slip finish from stock.

Coloured sheets available on make to order basis in standard, standard + and anti-slip finish in pallet quantities

1. Will there be colour variations

They are generally grey, however 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.

2. Will EKOply expand?

Yes as with other sheet materials you will need to leave room for expansion between each sheet when fixing. Please see the EKOply specification sheet for the Co Efficiency of Expansion. We recommend the oversizing of screw holes.

3. Can standard wood working tools be used?

Yes, we suggest good quality tungsten carbide tips, please see the General Technical Information sheet.

4. What fixings are suggested?

We do not recommend nailing or gluing. Self-tapping posi-screws are recommended, or for best results resin anchors can be used.

5. What support/ struts are required for EKOply?

A maximum span of 350 – 400 mm is recommended but varies according to the specific application. The smaller the span, the greater the support and less room for error.

6. Can scratches be apparent on the surface?

Yes, slight surface scratches may occur as it is not a scratch resistant material.

7. Is the sheet consistent in its size - 2440 x 1220mm?

Yes - there is a tolerance of 0.2% in its length and width and 10% tolerance in its thickness.

8. Can EKOply be painted?

We do not recommend painting EKOply as it is offered as a low or no maintenance product, however more details can be found on the General Technical Information sheet.

9. Can EKOply be used as shuttering?

Yes, you will require more structural supports than in standard wooden shuttering however.

10. Do EKOply sheets have UV resistance?

Yes. The common PE is not resistant to UV rays, however we have the technology that increases the resistance significantly. UV chamber testing demonstrates to date that there are no changes in colour or properties over 3 year period.

11. Does EKOply have any thermal properties?

EKOply standard sheets have some thermal properties due to the air pockets in the core.

12. Can the EKOply be laser cut?

Yes. The standard EKOply can be laser cut successfully to a minimum depth. Deeper cuts cause melts within the material and do not allow for a neat finish. Please contact us for a sample image.

13. Can the sheets be covered in vinyl?

Yes, and stored outdoors.

14. Does EKOply withstand industrial cleaners and solvents?

Yes, as the skin is approximately 70-80% Polyethylene – which has excellent chemical resistance. Most solvents/ detergents are sold in PE containers. If you have a specific product which EKOply will be exposed to we are happy to supply a sample for your testing as we are unable to advise on specific chemical compositions.

15. Can EKOply be welded?

Only limited results to date but some success has been achieved with PE sticks.

15. Can you fill the voids?

Car body fillers such as Isopon are successful

Samples can be supplied in order that you can establish EKOply's suitability for your project