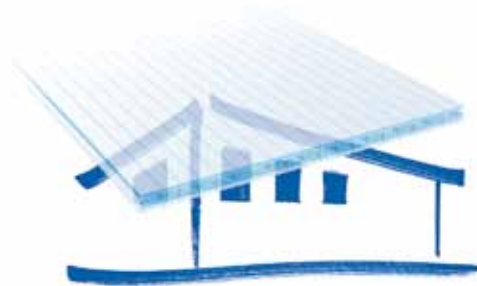


Akylux® Construction

A Twin-Wall Polypropylene Sheet



A high-strength, lightweight solution for all construction sites, whether new build or renovation

Akylux® is lightweight, water-resistant and particularly suitable for use in protection and construction work. This product can easily replace wood, polystyrene, cardboard, bubble film and non-woven films.

Advantages

- Durable & reusable
- Mould and damp resistant
- Absorbs impact
- Rigid
- Chemically inert
- 100% recyclable
- Printable (silk screen, flexography)

Applications



Formwork boxes*

- Clean
- Existing standard formats
- Quick installation
- Supplied flat



Protection material

- Available in rolls or sheets
- Width 1 200 mm
- Thicknesses 3 and 4 mm (others on request)
- Colours: black or translucent (others on request)



Earthquake-resistant joints* (1)

- Thickness 40 mm
- Width 1 200 mm
- Length on request (min. 1 000 mm)



Formwork and foundations

- Thicknesses: 5, 8, 10, 12 mm
- Light
- Available widths: 1 200, 2 000, 2 400 mm

* patented product

BUILDING SOLUTIONS

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KaysersbergPlastics

Technical characteristics



Standard range

Thicknesses:	from 2 to 14 mm
Grammage:	from 250 to 3 000 g/m ²
Format:	Customised solution Supplied in sheets or rolls
Colours:	Translucent, white, black, blue, grey, yellow, green Others: on request

Treatments offered (optional)

- Anti-UV for outdoor use (duration of protection depends on grammage and thickness)
- Antistatic
- Possibilities of flame retardancy
- Other treatments: on request

General properties of the raw material

- Softening point:
vicat: 145°C at 10 N (standard ISO R 306)
- Melting point: 160-165°C (DSC)

Polypropylene is composed of carbon and hydrogen. Therefore, its complete combustion in air produces only carbon dioxide and water.

*(1) Use as an earthquake-resistant joint: interstitial space to be kept free between 2 concrete masonry blocks by temporary occupation of the interstices via filling with a removable material during the period of operations; **must be removed** once the 2 concrete masonry blocks have been erected.*

Akylux® Construction
A Kaysersberg Plastics product

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