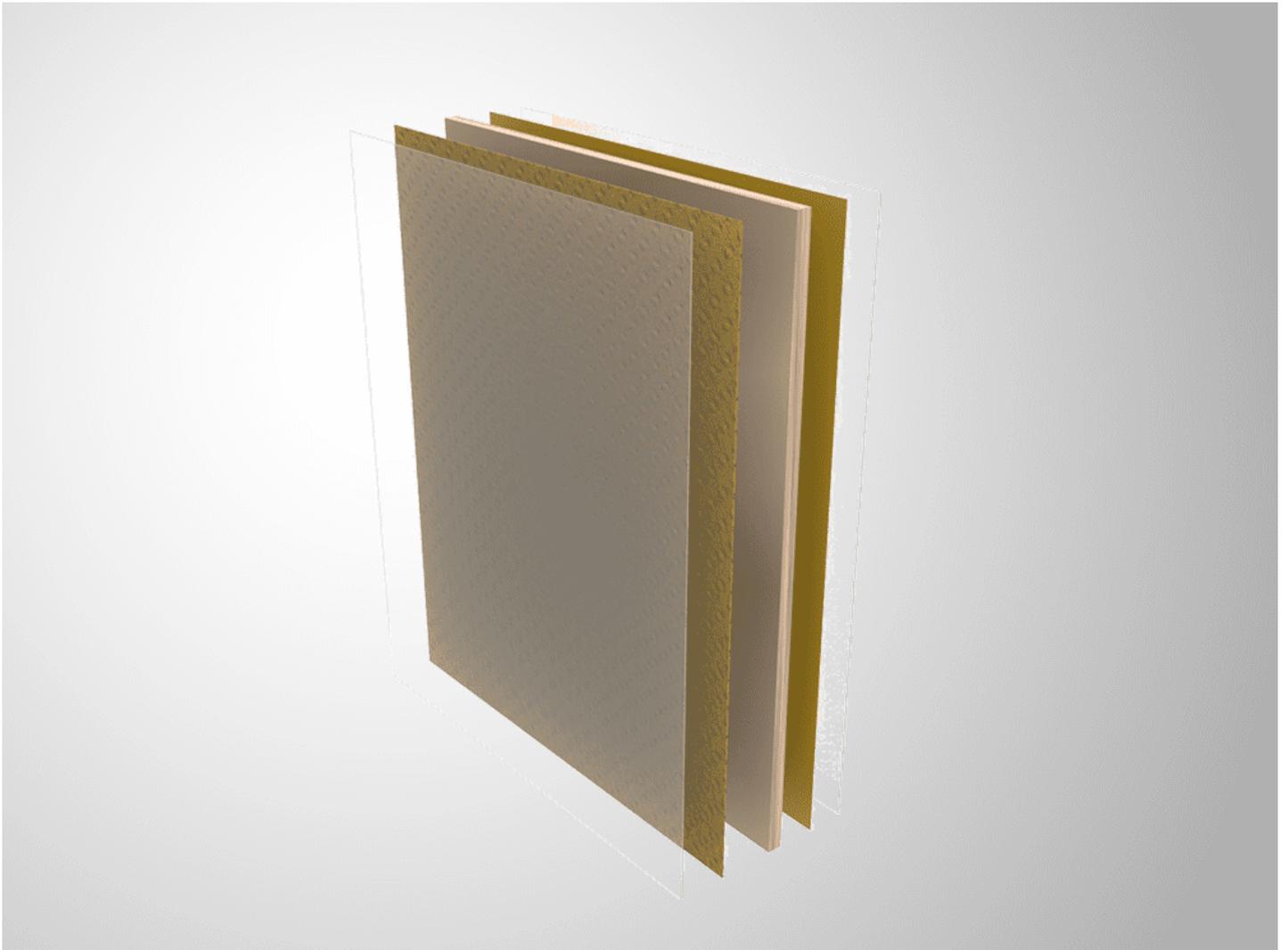


# Rotomoulded low density polyethylene - LDPE



It is a thermoplastic made from the monomer ethylene. LDPE is defined by a density range of 0.910–0.940 g/cm<sup>3</sup>. It is not reactive at room temperatures, except by strong oxidizing agents, and some solvents cause swelling. It can withstand temperatures of 80 °C continuously and 95 °C for a short time. Made in translucent or opaque variations, it is quite flexible and tough.

#### Advantages:

- Excellent resistance (no attack / no chemical reaction) to dilute and concentrated acids, alcohols, bases and esters

- Good resistance (minor attach/ very low chemical reactivity) to aldehydes, ketones and vegetable oils
- No maintenance required
- Easy to clean off graffiti
- 100% recyclable
- No chipping and no risk of injury from splinters
- Uniform colour throughout and resistant to UV rays
- Bacterial and fungal attack proof
- Resistant to chemical abrasion and corrosion
- Non-toxic and compliant with European safety standards

**Applications:**

- Roofs
- Protective panels
- Decorative elements
- Seats

**Thickness:** 3-7mm

**Edge detailing:** R10mm

**Colours:**

- Yellow RAL 1023
- Red RAL 3020
- Orange RAL2008
- Green RAL6028
- Light Green RAL6018
- Blue RAL5017
- Grey RAL7042
- White RAL1001
- Black RAL9005

**Products:**



JALU01