

Recycled plastic decking

joist, black

Data sheet

Contains:

- Polyethylene-Polypropylene-PET-HDPE-HIPS
- UV stabilizer- No Coloring agent is added

The mixing ratios are always the same for consistent quality

Work with solid recycled plastic:

Recycled plastic joists can be fixed to any sub surface with bolts or wood screws. Pilot hole is recommended with 2-4mm room around the screw.

Can be drilled, and cut like wood, HSS drill bit and metal/wood sawblade is recommended.

Eye protector is recommended at cutting.

Essential characteristics:

- Size:** 50x120x3600mm
- Raw material:** Recycled mixed thermoplastics
- Density (average)** 0.987±0.010 g/cm³
MSZ EN ISO 1183-1:2019 (Method “A”)
- **Relative dimensional change in the longitudinal direction due to heat (average value) (70 °C, 1 hour)**
+0.008% / m MSZ EN 479:2018

Weather resistance:

(UV resistance), 1000 hours of exposure

-no change is visible, MSZ EN 513:2018

Aging due to heat (80 °C, 50 days)

-no change is visible,

EAD 030350-00-0402 2.2.10 MSZ EN ISO 178:2019

Dimensional accuracy - side width - relative curvature

+2 / -2 mm

MSZ EN 12839:2012

Moisture absorption (ISO 175) <0.2 wt%

-100% Recyclable

-Does not freeze or crack

-Does not leach any chemicals into the environment during its lifespan

-Melting starts at 180° C

Results of tensile strength test Screw

-Screw size: 4x50 mm

-Drag speed: 10 mm/min (not pre-drilled holes)

-Average pulling force: 2595 N +/-6% variance