



**LL Plastic Reading
Unit 6 Manor Farm Peppard
Common Henley-on-Thames**

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Recycled plastic fence slat

black

Data sheet



Contains:

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

The mixing ratios are always the same for consistent quality

Work with solid recycled plastic:

Recycled plastic fence slats 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: 20x80mm in different lengths

-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

+1 / -1 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