1300 509 589
sales@astrastreetfurniture.com.au
astrastreetfurniture.com.au

Enviroslat Recycled Composite Slats

Specifications

Slat Sizes

- 40 x 30mm (x length)
- 70 x 30mm (x length)

Weight per Length

- 40 x 30 x 1800mm = 2.7kg
- 70 x 30 x 1800mm = 4.7kg

Features, Benefits & Advantages

- Environmentally sustainable and cost-effective as an alternative to traditional timber.
- Maintenance free – no polishing or painting.
- Colour full depth throughout the material, no staining or painting needed (although it is paintable if desired). UV stable – colour softens after the first few months of weathering and then retains its general look year after year.
- Dimensionally stable – will not warp, twist, cup or crack. (NB: Enviroslat Composite slats are partially manufactured from a soft recycled plastic which may result in minor bowing and warping of the slats overtime).
- Easily cut and drilled – does not splinter.
- Low water absorption.
- Rot proof.
- Termite proof.
- Is not excessively hot in the sun due to the combined properties of wood and plastic.
- Actual detailed performance over time is dependent on the level of exposure to the weather. Product is maintenance free for years and years.
- Scratches are not a problem – marks can be sanded or filed off without losing the general colour.

Breakdown of Material Content

Reclaimed Cellulose Fibre (sawdust/ woodchips/ chaff/ rice husk)	55%
HDPE (post industrial waste) including post-consumer drink bottles but not limited to	35%
Additives (virgin polymer shell, colour pigment, UV inhibitor, fungicide)	10%

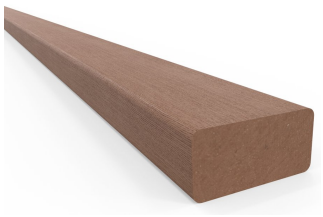
Mechanical Properties

- **Water absorption (ASTM D1037-06a):** 0.31%
- **Coefficient of thermal expansion mm/mm/deg C (ASTM D6341-10):** 5.6 x 10-5
- **Impact Resistance [ASTM D4495-00 (2005)]:** >89J
- **Density g/cm3 (ASTM D792-08):** 1.25-1.30
- **Fire Properties (AS1530.3):**
  - Ignitability: 14
  - Spread of flame: 2
  - Heat evolved: 3
  - Smoke developed: 4

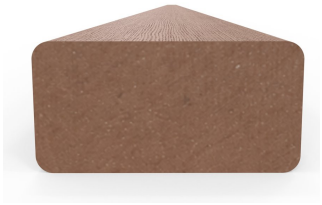
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Product Assembly Guide
Spec Sheet

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40 x 30mm
Angled View



40 x 30mm
End View



70 x 30mm
Angled View



70 x 30mm
End View

Enviroslat Recycled Composite Slats

Composite slats are made from a plastic and wood fibre combination creating a tough and maintenance free timber-look slat. Enviroslat has no ongoing maintenance, refer to 'General Instructions' below. The colour of composite slats is throughout the full material thickness which means that any scratches or stains can be sanded off.

Fasteners

Check all fasteners regularly for tightness. Use Loctite 243 Adhesive Thread locker to help prevent loosening of fasteners (e.g. from vibration).

Replacement Parts

If the need arises, replacement parts and fasteners are available from Area Safe Products. Often these will be in stock although a cost and lead time may apply.

General Instructions

- When lifting furniture at any time, do not lift by the slats or they may pull off the frame. Hold the frame when lifting, not the slats.
- Inspect daily & clean all furniture surfaces regularly (at least weekly) using slightly soapy warm water and soft cleaning cloth.
- Do not use chemicals or abrasive compounds to clean surfaces as this may damage the surface coating.
- NOTE: Food scraps, soft drinks, juice spills etc, if left on surface can be harmful to surfaces of any kind.
- Clean it, keep it looking good!

Furniture Care

Refer to 'Astra Furniture Care' documents for detailed care & maintenance instructions. These can be found on www.astrastreetfurniture.com.au.

Warranty

Refer to 'Astra Street Furniture Warranty Policy' document for product warranty. This can be found on www.astrastreetfurniture.com.au.

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