

RolaDek® Entrance Mats With Abrasive Grit Tread



JUS-2014
GECA 25-2011v2
Floor Coverings

An environmentally preferable product certified by Good Environmental Choice Services Pty Ltd to the requirements of the Environmental Choice Australia mark

RolaDek® Entrance Mats feature a sleek architectural appearance with perforated aluminium hinge construction. Perfect for use in all high traffic environments, RolaDek® Entrance Mats stand up to the debris and dirt without sacrificing aesthetics.

All RolaDek® Entrance Mats feature:-

- Easy to clean – roll back 180°.
- Custom fabrication, including angles, arcs/radii and cutouts.
- Continuous resilient vinyl cushion for superior noise reduction.
- Male and female EPDM Rubber edging for on-site trimming.
- Rolling load test to 160 kg./wheel.
- Metal Coating Colours Available – Clear, Bronze, Black.



Applications for RolaDek® Entrance Mats with Abrasive Grit Tread:

- **External Use**
- **Extremely High Traffic**
- **Insert Colour: Black**
- **Suitable for: Educational Facilities, Industrial Areas, Conference Centres**

Benefits and Technical Details: RolaDek® Entrance Mats with Abrasive Grit Treads meet or exceed the performance criteria specified in the following tests or standards:

1. Aluminium

Aluminium RolaDek® Rail punched and anodised in clear 15um 6063-T5 Aluminium alloy.

2. Vinyl

British Standard Softness – BS2782 – Value: 20±5

Shore A Hardness (10sec) ASTM D2240 - 90±

Specific Gravity – BS 2782 – 1.36

Tensile Strength – BS 2782 – MPA

Elongation at Break – BS2782

Complies with the current RoHS requirements relating to hazardous substances.

3. Abrasive Grit Tread

UV Stability: ASTM G155-04 Cycle 1 2000hrs, Standard Practice for Operating Arc Light Apparatus for Exposure of Nonmetallic Materials.

Salt Spray Resistance: ASTM B117-97 500 hrs. Standard Practice for Operating Salt Spray (Fog) Apparatus.

Freeze-Thaw Resistance: ASTM C1026-87(1996) Standard Test Method for Measuring the Resistance of Ceramic Tile to Freeze-Thaw Cycling.

Slip Resistance: UL410/R12, Standard for Slip Resistance for Floor Surface Materials.

AS/NZS 4586-1999, Slip Resistance Classification of New Pedestrian Surface Materials.

Abrasion Resistance: ASTM D1242-95a, Standard Test Methods for Resistance of Plastic Materials to Abrasion.

ASTM F510-93 (2004), Standard Test Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method.

JIS H8682-1:1999, Test Methods for abrasion resistance of anodic oxide coatings on aluminium and aluminium alloys – Wheel wear test.

Washability: ASTM D4828-94(2003), Standard Test Methods for Practical Washability of Organic Coatings.

Radioactivity: ASTM D3648-2004, Standard Practices for the Measurement of Radioactivity.

Toxicity: Bombardier SMP 800-C (2000) Toxic Gas Generation Test

Flammability: ASTM E162-02, Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source.

ASTM D635-03, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.

FAA AC 23.2 Paragraph 4.b, Horizontal Burn Test