

Latham Dirt Control Roll Up Entry Mats and Mat Frames

Engineered and Designed for Ultimate Performance

Latham have been designing and manufacturing entry mats to the highest level, for over 30 years.

The Latham range of Entry Mats have been specifically designed to facilitate dirt and water control. Research indicates that over 70% of dirt, dust and moisture, in regular occurrences and uses, enters a building via foot and wheeled traffic. These contaminants cause damage and wear on floor finishes, they increase cleaning and maintenance costs, reduce the life cycle of the entrance flooring and can also cause pedestrian safety issues like slips or falls. For these reasons, it is imperative that a suitable dirt control flooring system be considered for commercial and high traffic entrances.

The Latham Entry Mat systems consist of extruded aluminium tread rails which carry factory installed infills of either abrasive for slip resistance, carpet for dirt control or vinyl for limited slip resistance and dirt control. The systems are continuously hinged with neoprene joints which reduce traffic noise and rattle.

The easy to install, versatile roll up mat, either recessed or surface mounted, has many commercial and industrial applications. In entryways or in service areas of apartments, offices, hotels, motels, retail shops, malls, restaurants, bars, schools, churches, factories etc.

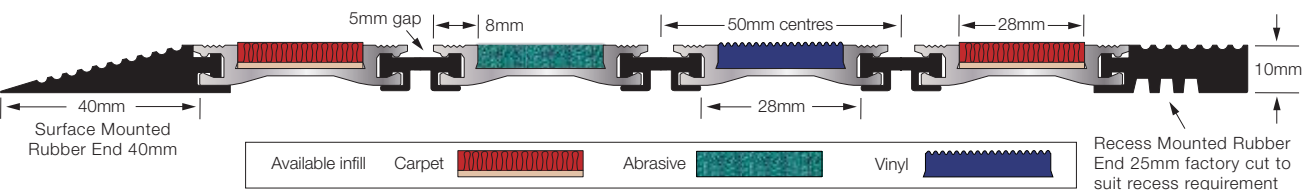
The unique neoprene hinge design allows easy roll up and eliminates metal to metal contact and corrosion lock up. Factory perforated 12mm x 4mm elongated slots in the neoprene hinge ensures dirt, moisture and debris is directed under the mat for future collection. Systems that are slot free, may remove moisture and dirt from shoes, but without the slots to control the dirt, these contaminants are tracked across the mat onto the floor. Mats can be vacuumed over or easily rolled back to remove collected soil and moisture from beneath.



General information

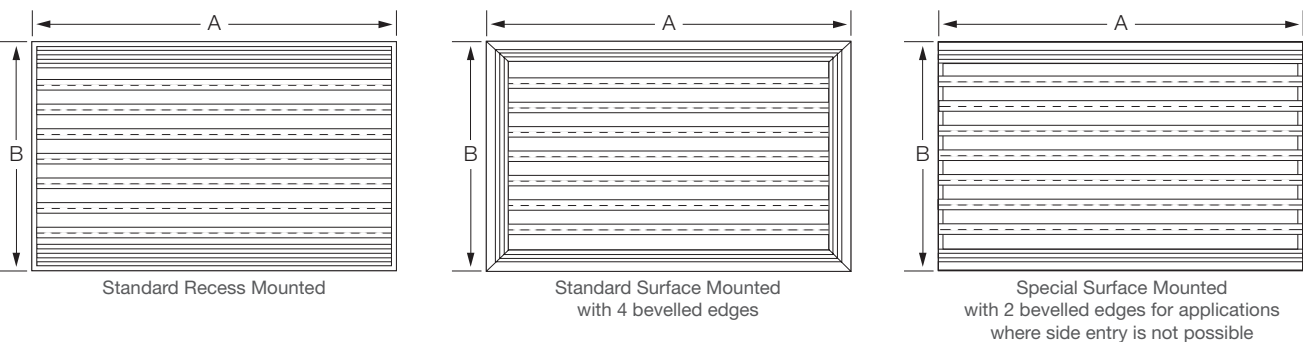
Standard dimensions

See page 5 for full style colour range.



Available configurations

"A" Floor Mat Width
"B" Floor Mat Length



Metal finishes, infills and colours



The system consists of an extruded aluminium tread rail which carries factory installed infills of either abrasive for slip resistance, carpet for dirt control or vinyl for limited slip resistance and dirt control.

The aluminium tread rail has a standard finish in clear anodised, but is also available in bright gold and bronze anodised finish as an optional extra.

Aluminium tread rails

Standard finish is clear anodised. Bright gold and bronze are available as optional stock colours. Clear anodised finish will be supplied unless otherwise specified.



Supagrit abrasive infill

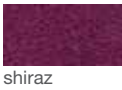
Supagrit for slip resistance. Standard Supagrit abrasive insert colour is silver grey. Standard insert colour will be supplied unless otherwise specified.



*Lumo Luminescent glow-in-the-dark infill.
 The Lumo Luminescent pale green infill temporarily glows in the dark after exposure to artificial or natural light.

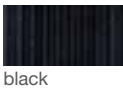
Carpet infill

Carpet for dirt control. Standard carpet insert colour is grey. Standard insert colour will be supplied unless otherwise specified.



Vinyl infill

Vinyl for limited slip resistance and dirt control. Standard vinyl insert colour is grey. Standard insert colour will be supplied unless otherwise specified.



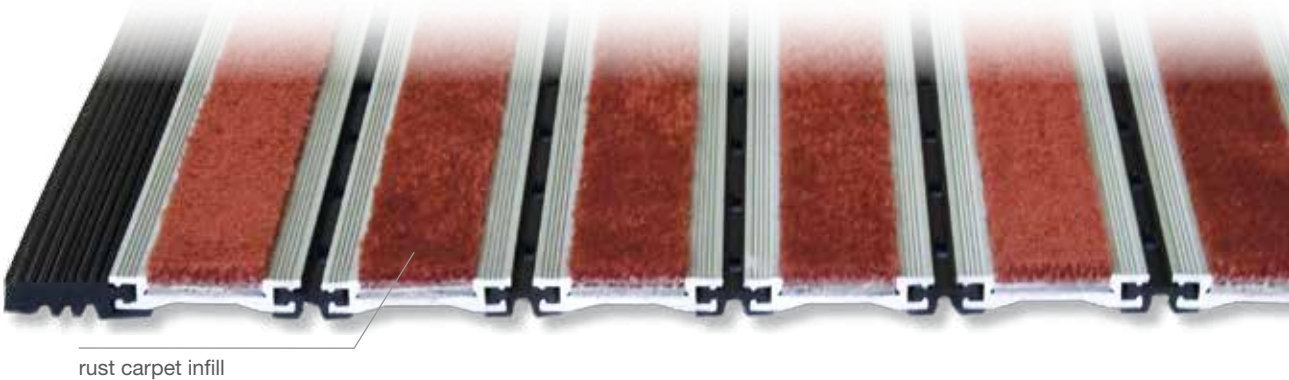
Recess mounted entry mats & frames

Latham's Range of recess mounted entry mats are designed to sit in a mat well and be flush with the surrounding floor finish. These should be considered over surface mounted mats where possible. The systems are available in 3 types as detailed below. For style and colour range details see page 5. Latham's recommend that entry mats are installed in surround frames as detailed on page 8. A frame helps protect the edges of the surrounding floor finish from damage that may be caused by wheeled traffic and other pressures that may come in contact with the exposed floor finish edge. Latham can supply block out or cast-in frames as detailed on page 8 for our recessed entry mats. The integrated neoprene hinging system in the Latham range of Entry Mats not only limits noise and vibration and controls water and dirt, but also acts as a brake on the surface mounted mats ensuring any tracking due to one directional large volumes of traffic is limited.



Type RDCC

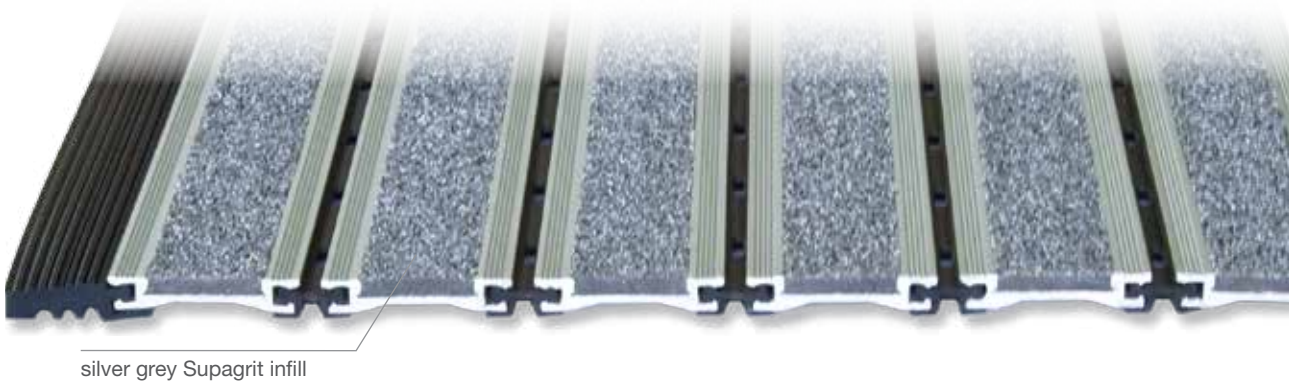
Recess mounted: Carpet infill for dirt control - standard insert colour grey.



Standard insert colour will be supplied unless otherwise specified.

Type RSA

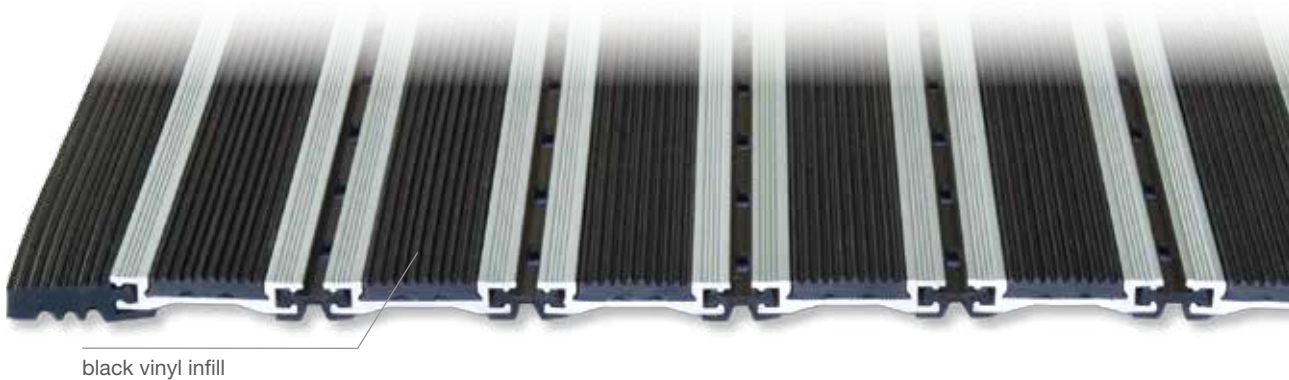
Recess mounted: Supagrit abrasive infill for slip resistance - standard insert colour silver grey.



Standard insert colour will be supplied unless otherwise specified.

Type RDCV

Recess mounted: Vinyl infill for limited slip resistance & dirt control. Standard insert colour grey.



Standard insert colour will be supplied unless otherwise specified.

Surface mounted entry mats

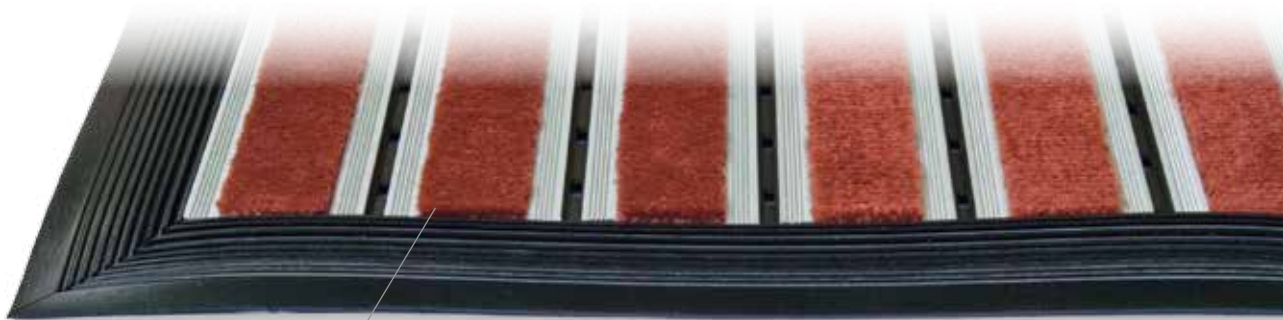


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Latham's Range of surface mounted entry mats are supplied standard with ramped/tapered edges on all 4 sides. This means that traffic can approach from any direction without the possibility of tripping over the raised mat. When the mats are being installed between 2 walls they can be supplied with the front and back ramped/tapered strips only. The integrated neoprene hinging system in the Latham range of Entry Mats not only limits noise and vibration and controls water and dirt, but also acts as a brake on the surface mounted mats ensuring any tracking due to one directional large volumes of traffic is limited. The systems are available in 3 types as detailed below. For style and colour range details see page 5.

Type SDCC

Surface mounted: Carpet infill for dirt control - standard insert colour grey.



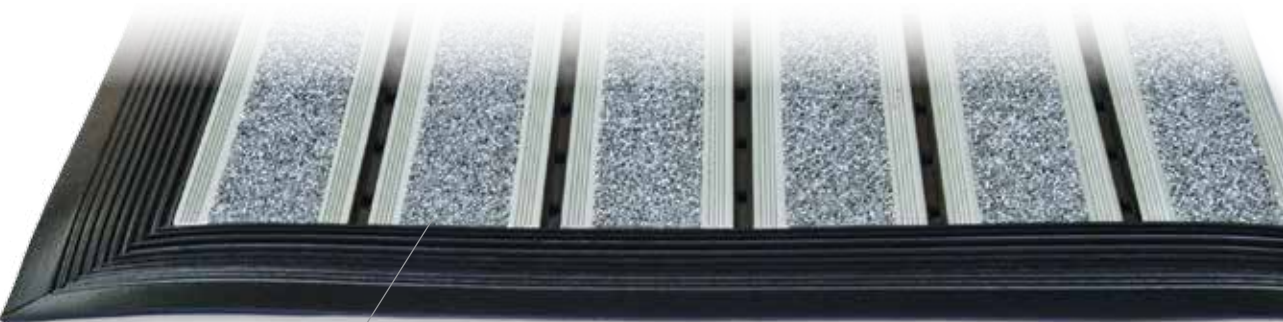
rust carpet infill

Ramped 4 sides standard. 2 sides on request [specify].

Standard insert colour will be supplied unless otherwise specified.

Type SSA

Surface mounted: Supagrit abrasive infill for slip resistance - standard insert colour silver grey.



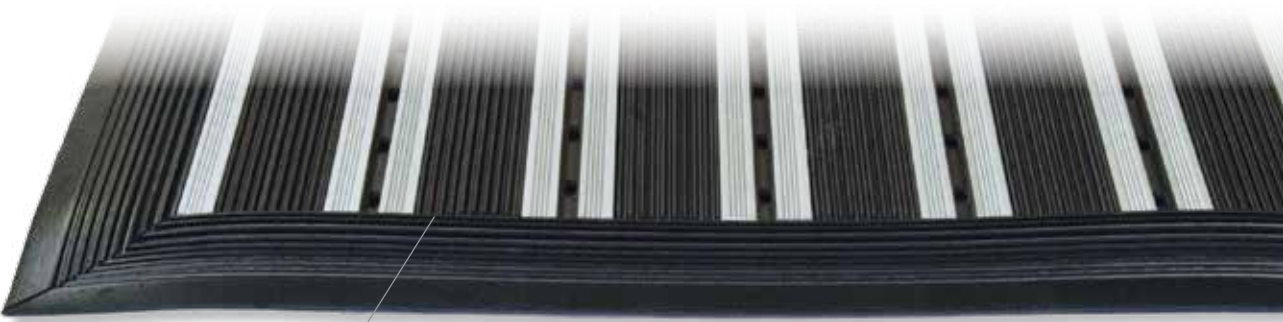
silver grey Supagrit infill

Ramped 4 sides standard. 2 sides on request [specify].

Standard insert colour will be supplied unless otherwise specified.

Type SDCV

Surface mounted: Vinyl infill for limited slip resistance & dirt control - standard insert colour grey.



black vinyl infill

Ramped 4 sides standard. 2 sides on request [specify].

Standard insert colour will be supplied unless otherwise specified.

Mat frames



Mat frames must be level filled to mat depth with levelling compound or cement mix. Mat must be fully supported on a level surface. For correct installation all mat frames should be delivered with the mats. All standard aluminium mat frames are supplied in clear anodised finish. All other frames will be supplied mill finish.

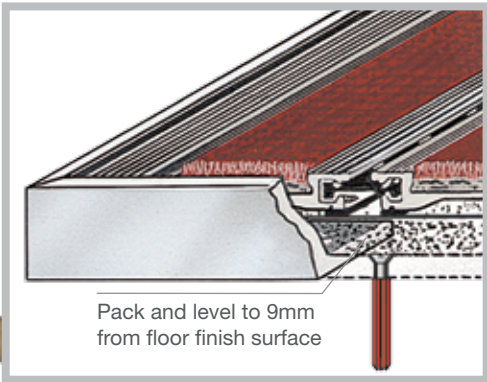
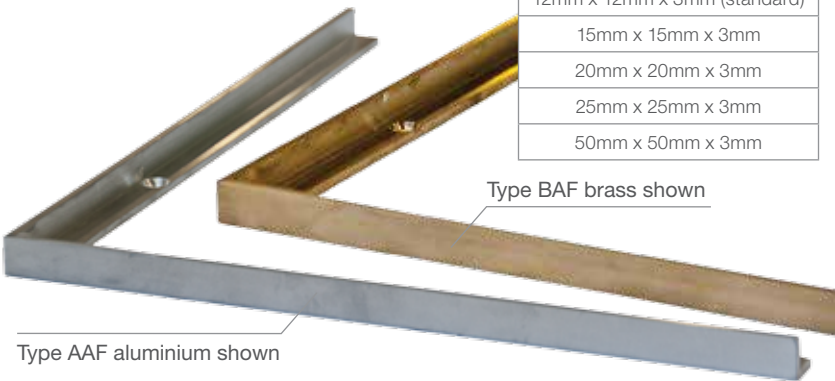
AA F and BAF Angle Frames will be supplied with mitre cut ends for site butting and adjusting. They will be supplied complete with countersunk holes in the base of the frame, and screws and plugs. Whilst the ACKD-10 frame will be supplied with location guides that can be screwed, or riveted through to facilitate easier setup on site.

Standard Angle Frame

Standard 12mm x 12mm x 3mm AAF aluminium angle frames will be supplied unless otherwise specified

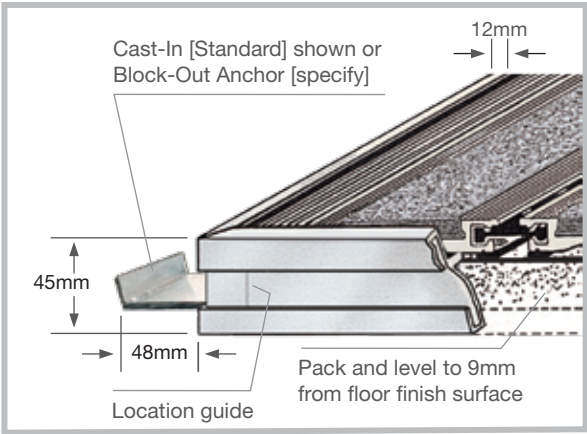
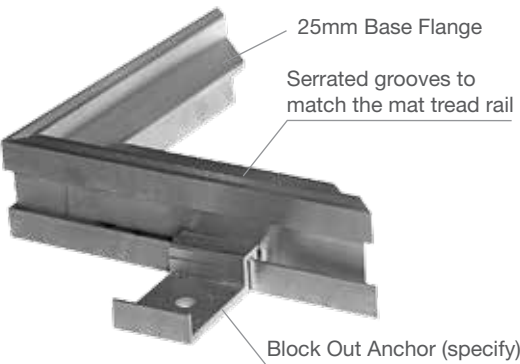
Type AAF aluminium
 Type BAF brass – specify

DEPTH AVAILABLE
12mm x 12mm x 3mm (standard)
15mm x 15mm x 3mm
20mm x 20mm x 3mm
25mm x 25mm x 3mm
50mm x 50mm x 3mm



Cast-In Frame

Type ACKD-10 aluminium – specify



Ordering details

Ordering details - mats

Furnish and install entry mats to the following specification, as supplied by Latham Australia Pty Ltd.
www.latham-australia.com, ph: +612 9879 7888, fax: +612 9879 7666, email: info@latham-australia.com

Latham Roll-Up ***[RDCC**-recessed carpet] / **[RSA**-recessed abrasive] / **[RDCV**-recessed vinyl] / **[SDCC**-surface mounted carpet] / **[SAA**-surface mounted abrasive] / **[SDCV**-surface mounted vinyl] **entry mat (A)**..... x **(B)**..... in colour..... (grey standard), aluminium to be ***[standard clear anodised]** / **[bright gold anodised]** / **[bronze anodised]**.

***Delete that which does not apply.**

Ordering details - frames

Furnish and install entry mat frames to the following specification, as supplied by Latham Australia Pty Ltd.
www.latham-australia.com, ph +612 9879 7888, fax +612 9879 7666, email info@latham-australia.com.

Entry Mat Frame Type ***[AAF**-aluminium (standard)] / **[BAF**-brass], **size** ***[12 x 12 x 3mm (standard)]** / **[15 x 15 x 3mm]** / **[20 x 20 x 3mm]** / **[25 x 25 x 3mm]** / **[50 x 50 x 3mm]**. **Entry Mat Frame Type** **[ACKD-10** aluminium cast-in place 45 x 90 x 12mm].

***Delete that which does not apply.**

Special note

Where recessed mats are to be installed in direct sunlight special consideration should be given to the thermal coefficient of linear expansion of the metal, which is approximately 0.25mm per lineal metre of metal per 10 degrees Celsius in temperature change of the metal (note temperature change in the metal surface can be as dramatic 50°C+ depending on the location). All mats will be manufactured under frame size, when Latham's supply the frame. Generally the mat will be 3-4mm smaller than the internal frame size to allow for fitting and cleaning. This will be increased for larger mats to allow for linear expansion of the metal.

Component specifications

Construction

A series of aluminium tread rails are spaced at 50mm centres and connected by a continuous neoprene hinge with uniform perforations to allow the effective control of water and small debris. Treads should run counter to walking direction, with tread surfaces to be either carpet, abrasive or vinyl. Available in recessed style for installation into surround frame, or surface mounted.

Finish

Aluminium tread rails and frames are fabricated from 6063-T6 alloy. Tread rails will be supplied in clear anodised standard finish or optional gold anodised or bronze anodised on request. Standard AAF aluminium frames will be supplied in clear anodised finish whilst all other frames will be supplied in mill finish. Anodised, other custom or non-stocked metal colours may be available by request at additional delay and charge.

Tread rail insert types

Carpet

Tread rail infill shall be 100% nylon fibre face carpet. Carpet unitary fusion bonded to guard against fraying, delamination or moisture penetration. Carpet to be positively locked into extruded aluminium tread rails. Colours to be selected from Latham Australia's standard colour range.

Abrasive

Tread rail infill shall have continuous Latham Supagrit™ Slip Resistant Abrasive Surface. Colours to be selected from Latham Australia's standard colour range.

Vinyl

Tread rail infill shall have continuous Latham Ribbed Vinyl Surface. Colours to be selected from Latham Australia's standard colour range.

Maintenance

Vacuum for dirt control. This can be as simple as vacuuming over the mat. From time to time Latham's suggest rolling up the entry mats and cleaning out the well, which will have trapped dirt, moisture and debris, that has been collected by the mat. All Latham entry mats should be washed from time to time using Latham Gold Chem Mat Wash 22XX. This is designed specifically for use with the mats, will not harm the inserts or aluminium extrusions, and will invigorate the inserts and mat finishes.

Note: Mats must be rolled up before moving. They must not be dragged

Slip resistant testing - entry mats

Latham strive to keep on top of the requirements for new and changing standards. We run internal wear and colour fastness tests on a regular basis and slip resistance and fire tests have been carried out on all of our entry mat systems.



Dry slip resistant testing

Latham Australia Pty Ltd has had independent testing carried out by a NATA approved laboratory in Accordance with AS/NZS 4586:2004 Slip Resistance Classification of new pedestrian surface materials - Appendix B.

The established results are detailed as follows:

Latham RDCC Recess Mounted Dirt Control Carpet Entry Mats

- Mean Dynamic Coefficient of Friction- 1.05
- Classification according to Appendix B F

Latham SDCC Surface Mounted Dirt Control Carpet Entry Mats

- Mean Dynamic Coefficient of Friction- 1.05
- Classification according to Appendix B F

Latham RDCV Recess Mounted Dirt Control Vinyl Entry Mats

- Mean Dynamic Coefficient of Friction- 1.0
- Classification according to Appendix B F

Latham SDCV Surface Mounted Dirt Control Vinyl Entry Mats

- Mean Dynamic Coefficient of Friction- 1.0
- Classification according to Appendix B F

Latham RSA Recess Mounted Slip Resistant Abrasive Entry Mats

- Mean Dynamic Coefficient of Friction- 0.9
- Classification according to Appendix B F

Latham SSA Surface Mounted Slip Resistant Abrasive Entry Mats

- Mean Dynamic Coefficient of Friction- 0.9
- Classification according to Appendix B F



Latham mat inside custom brass BRGPL Series grate.

Wet slip resistant testing

Latham Australia Pty Ltd has had independent testing carried out by a NATA approved laboratory in Accordance with AS/NZS 4586-2004 Slip Resistance Classification of new pedestrian surface materials - Appendix A.

The established results are detailed as follows:

Latham RDCC Recess Mounted Dirt Control Carpet Entry Mats

- Mean British Pendulum Number 62
- Classification according to Appendix A V

Latham SDCC Surface Mounted Dirt Control Carpet Entry Mats

- Mean British Pendulum Number 62
- Classification according to Appendix A V

Latham RDCV Recess Mounted Dirt Control Vinyl Entry Mats

- Mean British Pendulum Number 55
- Classification according to Appendix A V

Latham SDCV Surface Mounted Dirt Control Vinyl Entry Mats

- Mean British Pendulum Number 55
- Classification according to Appendix A V

Latham RSA Recess Mounted Slip Resistant Abrasive Entry Mats

- Mean British Pendulum Number 66
- Classification according to Appendix A V

Latham SSA Surface Mounted Slip Resistant Abrasive Entry Mats

- Mean British Pendulum Number 66
- Classification according to Appendix A V



RSA Entry Mat with cut outs in a commercial foyer.

The established results are detailed as follows:

- Classification according to Appendix A & B VF

- Classification according to Appendix A & B VF

- Classification according to Appendix A & B

- Classification according to Appendix A & B VF

- Classification according to Appendix A & B VF

- Classification according to Appendix A & B VF

A copy of the full test results is available by contacting Latham Australia.

Burning behaviour using a radiant heat source

All Latham Recess and Surface Mounted Entry Mats with carpet inserts, silicon carbide mineral slip resistant inserts and vinyl inserts have been independently tested by AWTA Product Testing in accordance with ASISO 9239.1-2003 Part 1 for a determination of the Burning Behaviour using a Radiant Heat Source. See certified AWTA Product Testing certificates below. For full test results these certificates are available at www.latham-australia.com in downloadable PDF format.

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