

Lathamgrid™ Architectural Grid Mats and Frames

Lathamgrid™ architectural aluminium and brass grid mats & frames are attractive and dynamic products for any access area. The system consists of unique serrated tee sections for slip resistance with hidden welds and joints, creating a virtually seamless, visually pleasing, architectural asset to any entrance.

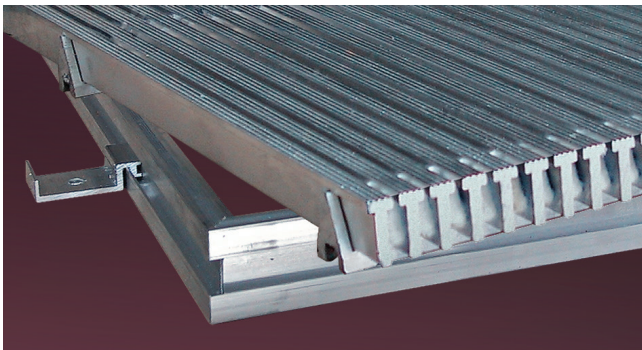
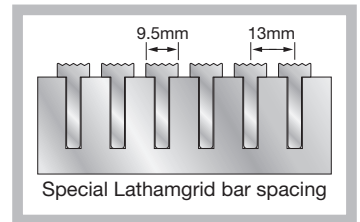
All Lathamgrid grid mats are custom fabricated to each individual application so the options are virtually endless.

General information

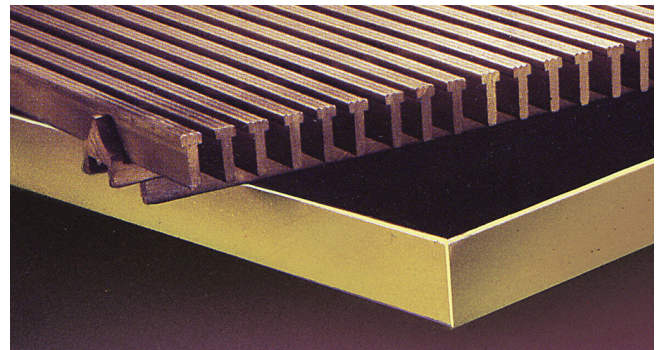
Aluminium and brass grid mats need to be supported on a hard flat surface, and a surround frame can be supplied in a similar metal for recessed or cast in installation.

The aluminium and brass serrated T bars are 9.5mm wide as standard, and are installed at approximately 13mm centres. The narrow 3.5mm spacings between the T's are designed not to interfere with traffic movement over the system. It is recommended that all Lathamgrid grid mats be installed with the longitudinal bars left to right across the doorway as shown in the diagram below.

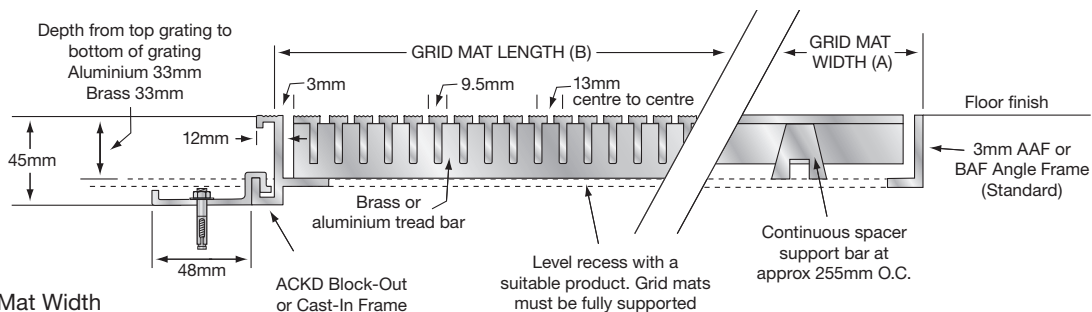
The small gap between each T, whilst being visually attractive, allows dirt, dust, and water to be trapped in the base of the grid, reducing the tracking of material and water onto the floor surface. The grids can then be vacuumed to easily remove any debris.



Type ALGRID aluminium grid mat and frame



Type BRAGRID brass grid mat and frame



Help with ordering

When ordering a grid mat clearly specify walking direction, metal type and overall dimensions “A” mat width and “B” mat length.

Length must work in multiples of approximately 13mm. Also available with 6.5mm tee sections. Available to 4600mm in one continuous section.

Slip resistant testing -Lathamgrid

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 Serrated Top Aluminium Grates

- Mean Dynamic Coefficient of Friction 0.65
- Classification according to Appendix B F

Latham Algrid™ Serrated Top Aluminium Grid Mats

- Mean Dynamic Coefficient of Friction 0.65
- Classification according to Appendix B F

Latham Serrated Top Brass Grates

- Mean Dynamic Coefficient of Friction 0.75
- Classification according to Appendix B F

Latham Bragrid™ Serrated Top Brass Grid Mats

- Mean Dynamic Coefficient of Friction 0.75
- Classification according to Appendix B F



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 Serrated Top Aluminium Grates

- Mean British Pendulum Number 60
- Classification according to Appendix A V

Latham Algrid™ Serrated Top Aluminium Grid Mats

- Mean British Pendulum Number 60
- Classification according to Appendix A V

Latham Serrated Top Brass Grates

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

Latham Bragrid™ Serrated Top Brass Grid Mats

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



Wet Dry Classifications from above results

The established results are detailed as follows:

Latham Serrated Top Aluminium Grates

- Classification according to Appendix A & B VF

Latham Algrid™ Serrated Top Aluminium Grid Mats

- Classification according to Appendix A & B VF

Latham Serrated Top Brass Grates

- Classification according to Appendix A & B VF

Latham Bragrid™ Serrated Top Brass Grid Mats

- Classification according to Appendix A & B VF

Australian Standards are available through SAI Global, <http://www.saiglobal.com>, whilst the Building Code of Australia is available through the Australian Building Codes Board <http://www.abcb.gov.au>

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