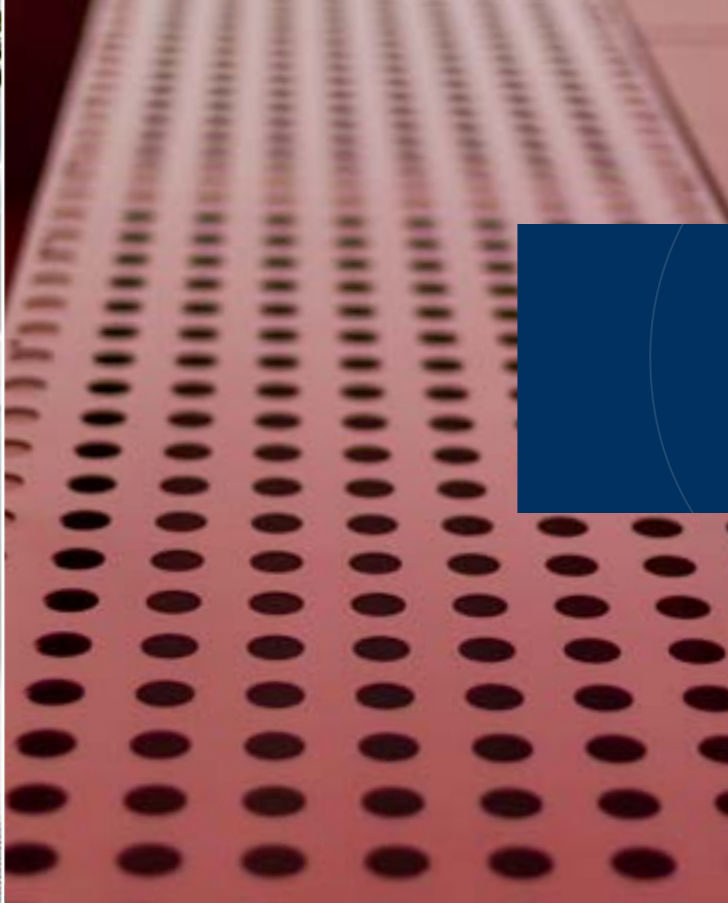




PERFORATED PERFECTION

uniQue
METALS LASER



UNI-PUNCH PERFORATED METAL SHEETS

As part of the Unique group, Uni-Punch is WA's leading sheet metal perforator, with a wide range of standard perforation patterns available off the shelf and the ability to produce customised tooling to meet the individual requirements of creative architects and designers.

These versatile products are used in a number of industrial, commercial, architectural and domestic situations, both internally and externally, including cladding, balustrade infill, decorative panels, sound barriers and visual screens.

Combining design flair with strength and functionality, perforated metal sheets are a key element in creating safe and pleasant built environments, determining the amount of light entering buildings, regulating solar heat gain and reducing the need for air-conditioning.

When back-lit, either by natural light or diffused LED illumination, these panels take on a quite striking effect which never fails to generate interest and appreciation.

Uni-Punch perforated metal sheets can be manufactured in a variety of different materials. Coatings and finishes include powder coated, galvanised and anodised.

With Uni-Punch, customers enjoy the benefit of an established and experienced supplier who can offer advice on materials and installation to suit each particular application, whilst providing a rapid and cost-competitive service to every project.



COATINGS & FINISHES GUIDE

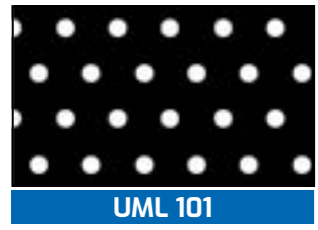
	Steels	Pre Zinc Coated Steels	Corten HW350	Aluminium	Stainless Steel	Brass or Copper	Pure Zinc
Electro Galvanising	Y	N	N*	N	N	N	N*
Hot Dip Galvanising	Y*	N	N*	N	N	N	N*
Powder Coat	Y	Y	N*	Y*	Y*	N	N*
Anodise	N	N	N*	Y*	N	N	N*
Linish	N	N	N*	Y	Y	N	N*
Electro Polish	N	N	N*	N*	Y*	N	N*

Y/N indicates suitability for coating the particular substrate.

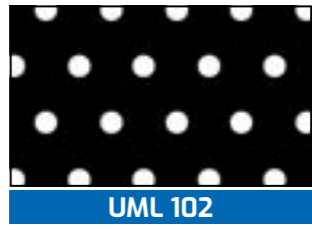
*Denotes the material and coating combination is suitable for external use.

Note: corten, aluminium, stainless steel, brass and pure zinc can be used in certain external applications.

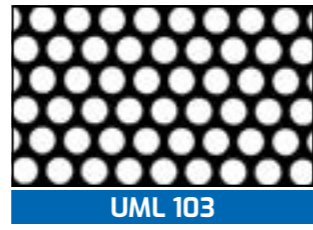
Please contact your Unique Metals rep to discuss.



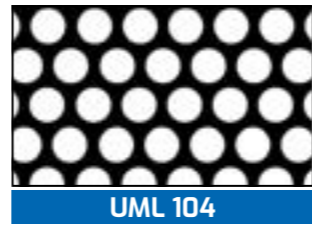
UML 101
Hole: 3.2mm | Pitch: 9.6mm
Open Area: 10%



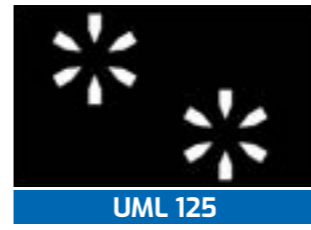
UML 102
Hole: 4mm | Pitch: 12mm
Open Area: 10%



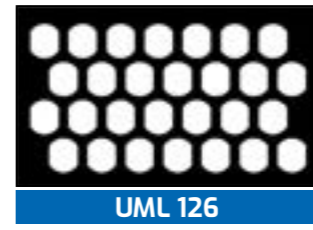
UML 103
Hole: 5.5mm | Pitch: 6.5mm
Open Area: 65%



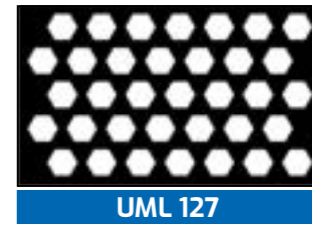
UML 104
Hole: 6.5mm | Pitch: 8.5mm
Open Area: 53%



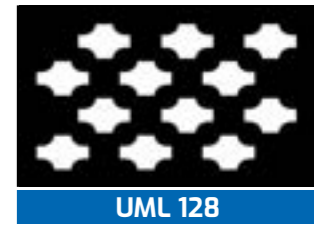
UML 125
Hole: 200mm x 90mm
Open Area: *AUR



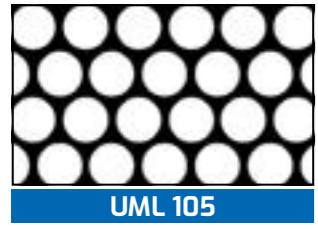
UML 126
Hole: 195mm x 160mm
Open Area: *AUR



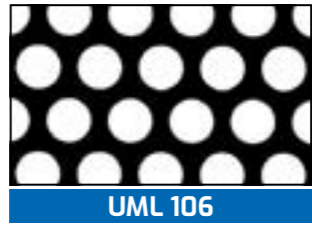
UML 127
Hole: 127mm x 110mm
Open Area: *AUR



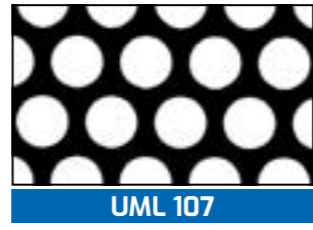
UML 128
Hole: 120mm x 80mm
Open Area: *AUR



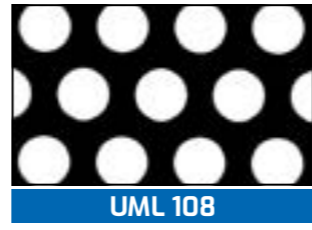
UML 105
Hole: 8mm | Pitch: 9.5mm
Open Area: 64%



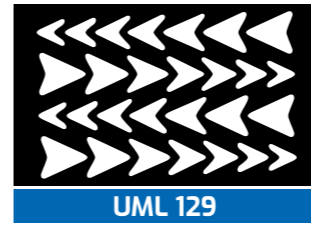
UML 106
Hole: 9.6mm | Pitch: 11.1mm
Open Area: 68%



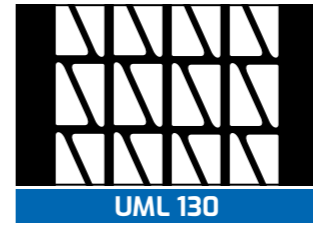
UML 107
Hole: 9.6mm | Pitch: 12.7mm
Open Area: 52%



UML 108
Hole: 9.6mm | Pitch: 14.3mm
Open Area: 41%



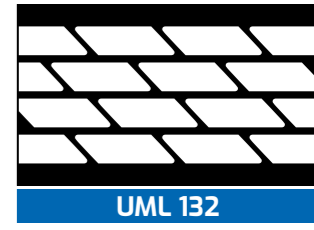
UML 129
Holes: from 26.2mm x 24.5mm to 42.7mm x 39mm | Open Area: *AUR



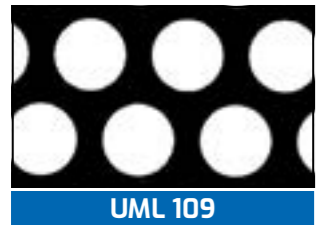
UML 130
Hole: 19mm x 37mm
Open Area: *AUR



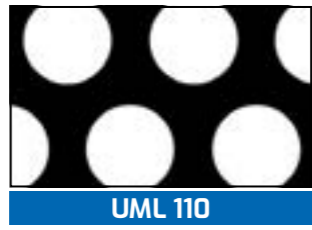
UML 131
Hole: 80mm x 15mm
Louvred Vent



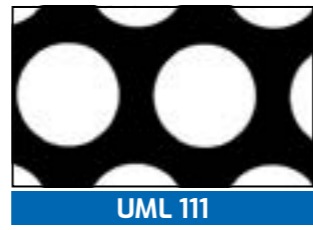
UML 132
Hole: 90mm x 26mm
Open Area: *AUR



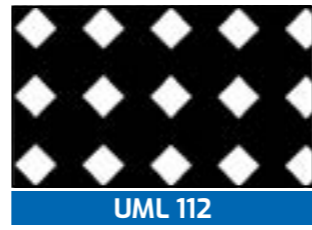
UML 109
Hole: 13mm | Pitch: 17.5mm
Open Area: 50%



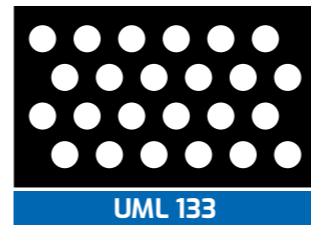
UML 110
Hole: 16mm | Pitch: 23mm
Open Area: 44%



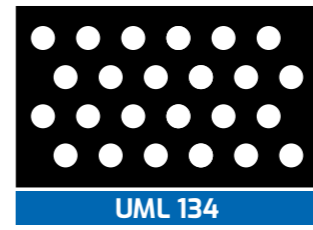
UML 111
Hole: 20mm | Pitch: 26.5mm
Open Area: 52%



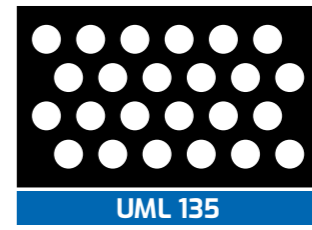
UML 112
Hole: 7mm | Pitch: 12.7mm
Open Area: 30%



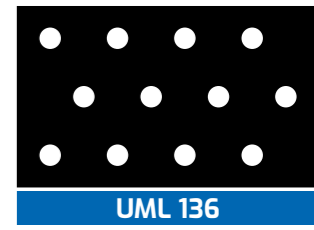
UML 133
Cluster: 3.2mm | Pitch: 4.907mm
Open Area: 39%



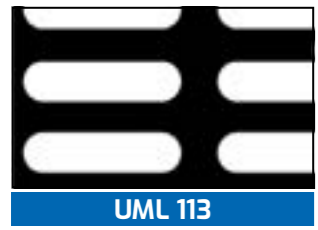
UML 134
Cluster: 3.2mm | Pitch: 5.6mm
Open Area: 30%



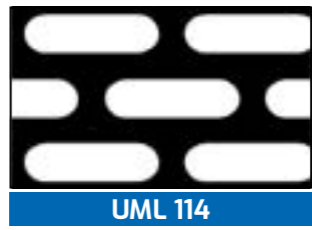
UML 135
Cluster: 5.5mm | Pitch: 8mm
Open Area: 43%



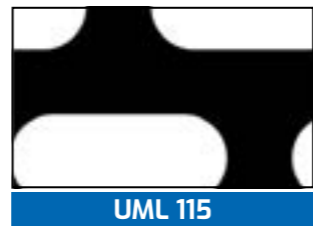
UML 136
Cluster: 5mm | Pitch: 16mm
Open Area: 9%



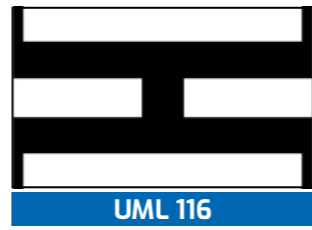
UML 113
Hole: 6.5mm x 25mm
Open Area: *AUR



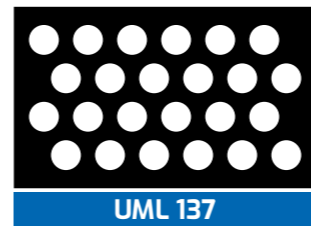
UML 114
Hole: 6.5mm x 25mm
Pitch: Staggered | Open Area: *AUR



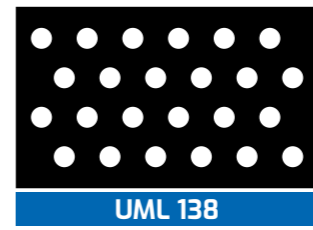
UML 115
Hole: 12mm x 40mm
Pitch: Staggered | Open Area: *AUR



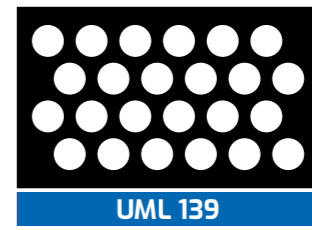
UML 116
Hole: 50mm x 4mm
Pitch: Staggered | Open Area: *AUR



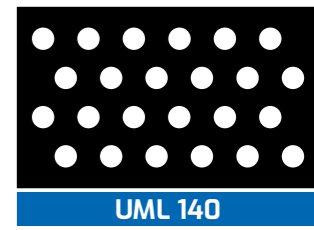
UML 137
Cluster: 6.5mm | Pitch: 9.53mm
Open Area: 42%



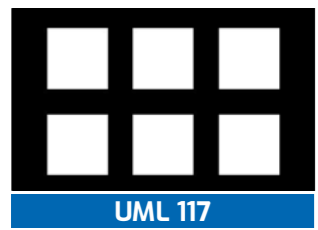
UML 138
Cluster: 6mm | Pitch: 12.5mm
Open Area: 21%



UML 139
Cluster: 12mm | Pitch: 16.5mm
Open Area: 48%



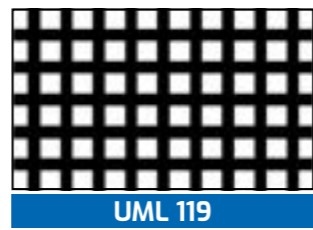
UML 140
Cluster: 12mm | Pitch: 24mm
Open Area: 23%



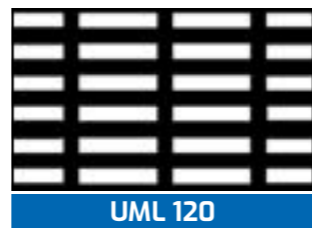
UML 117
Hole: 10mm | Pitch: 22mm
Open Area: 21%



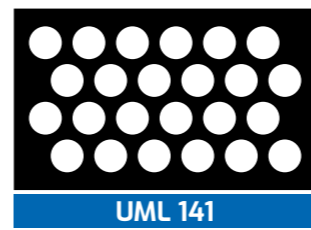
UML 118
Hole: 22mm | Pitch: 35mm
Open Area: 40%



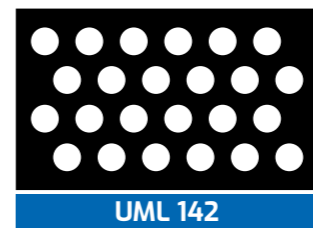
UML 119
Hole: 5mm | Pitch: 10mm
Open Area: 25%



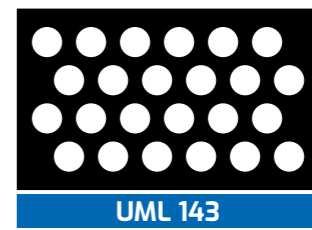
UML 120
Hole: 30mm x 6mm | Pitch and
Open Area: *AUR



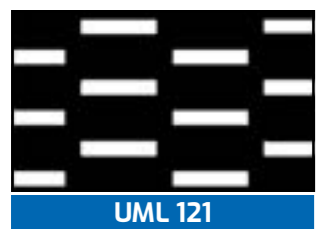
UML 141
Cluster: 15mm | Pitch: 20mm
Open Area: 51%



UML 142
Cluster: 15mm | Pitch: 24mm
Open Area: 35%



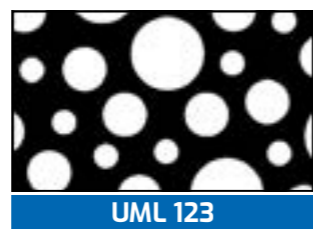
UML 143
Cluster: 16.5mm | Pitch: 24mm
Open Area: 43%



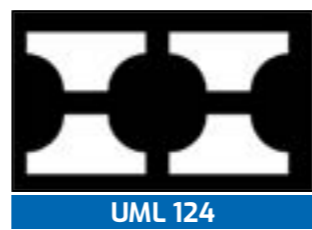
UML 121
Hole: 30mm x 3.5mm
Pitch: Staggered | Open Area: *AUR



UML 122
Hole: 25mm x 5mm | Pitch: 10mm
Open Area: 40%



UML 123
Holes: 18/12/8mm | Pitch: N/A
Open Area: *AUR



UML 124
Hole: 165mm x 85mm
Open Area: *AUR

CAPABILITIES

Maximum Sheet Size	6000mm x 1500mm*
Material Thickness	5mm*

*Subject to confirmation based on requirements

Note: Patterns are not to scale | *AUR = Available Upon Request

Note: Patterns are not to scale | *AUR = Available Upon Request

UNI-IMAGE PERFORATED METAL SHEETS

Whilst the extensive range of Uni-Punch standard patterns allows for a variety of unique and diverse designs, with Uni-Image the ability to use a logo, an abstract motif or even a photograph as the basis for the design generates a whole new level of creative possibilities for perforated sheet metal.

The image is created by punching different sized holes into the metal, where the size and spacing of the holes renders the detail present in the original design.

Uni-Image will produce a screen from photographs or original artwork, to create a unique and intriguing product. The overall effect is optimised by elements such as colour, background environment and viewing perspective, and it's here that your Uni-Image consultant will be the most valuable source of advice.



Uni-Punch and Uni-Image products are available in both standard and custom sheet sizes, with multiple panel solutions recommended for larger projects. Spacers and isolators are used to mount panels and avoid corrosion while the locations for bolt holes can be included in the design, helping to create a seamless visual effect.

Installation specifications will include details of borders, bracketing, and gap sizes between panels, as well as any requirements for folding or curving. By working with your Uni-Punch and Uni-Image consultant at the early stages of a project, these important elements are readily incorporated into the design and manufacture of the panels.

Contact Unique Metals today and discuss how to detail your concept, the first step on the way to a creation that will continue to impress and delight your clients for many years to come.



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