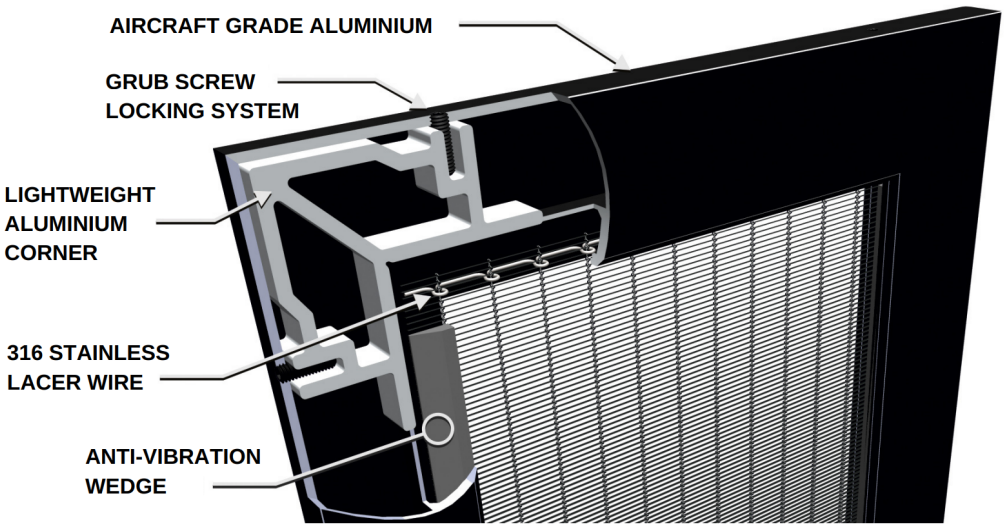
KoolShade®
Screens Datasheet

Smartlouvre Technology

Frame options:
Various to suit application
Thickness of fabric:
1.5mm coated
Weft width:
1.25mm coated
Louvre pitch:
1.5mm centre to centre
Weft thickness:
0.30mm coated
Gap between each louvre:
1.20mm coated
Warp spacing:
12.70mm centre to centre
Clear open area:
80%
Openness factor:
67%
Screen weight:
3-4 kg/m2 dependent on frame option/size
Frame composition:
Extrusions - Aluminium EN AW6063 T6
Lacer Wire – 316 Stainless Steel
Anti-Vibration Wedge – Ceramic Thermal Break - to suit application
Fabric composition:
90% CuZn15 (C230) commercial bronze and 10% CUSi3Mn1 (C655) silicon bronze
Finishes:
Polyester powder coat in any RAL colour (with the ability to create designs on the fabric which are directionally visible)
Fire rating:
Class A1/A2-s1,d0 in accordance with BS EN 13501- 1:2007+A1:2009
Fire attenuation:
49.4% | Compliant screening for bushfire up to BAL-40 (based on 40kW/m2 incident irradiance)
Resistance to wind:
Hurricane proof: 100mph/160kph
Wind load:
<14.65 kgf/m2

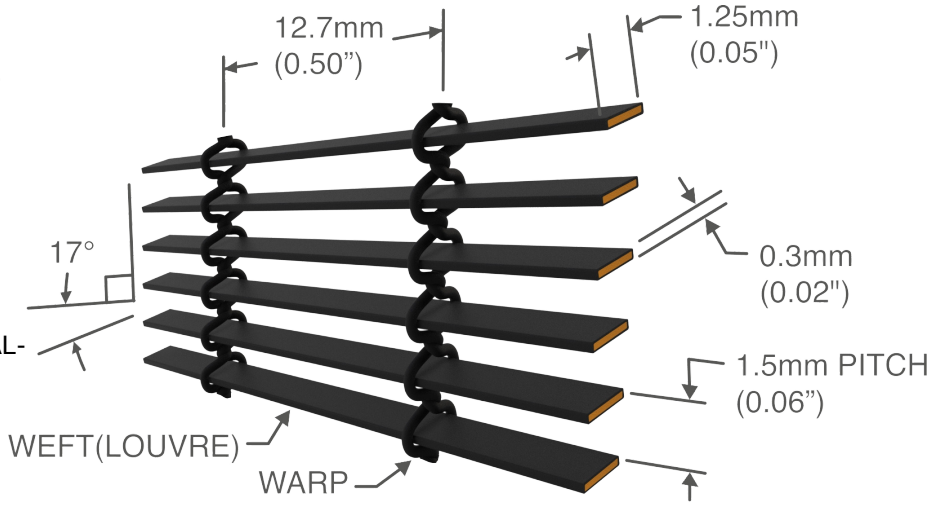


A result of decades of extensive international research and development, MicroLouvre is a high-performance, woven metal fabric, with its weft constructed of bronze louvres.

Window covering screens are constructed by tensioning the fabric in aluminium framing and incorporate an anti-vibration wedge to enhance the screen's integrity at wind speeds in excess of 100mph/160kph.

The micro-fine louvres are angled to suit a number of applications, whether to ensure optimum light in, and visibility out, whilst blocking heat and glare or, to allow ventilation and even protect from external viewing in.

It's known as angular selective technology.



All angles, weights and dims are nominal

Solar Shading	Fire Protection	Heat Attenuation
Architectural Glazing	Lighting Design	Glare Protection
Pest Protection	Privacy and Security	Interior Design

Visit us:
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