

# MicroLouvre® Metal Fabric Datasheet

**Thickness of fabric:**

1.5mm coated

**Weft width:**

1.25mm coated

**Weft thickness:**

0.30mm coated

**Louvre pitch:**

1.5mm centre to centre

**Gap between each louvre:**

1.20mm coated

**Warp spacing:**

12.70mm centre to centre

**Clear open area:**

80%

**Openness factor:**

67%

**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:**

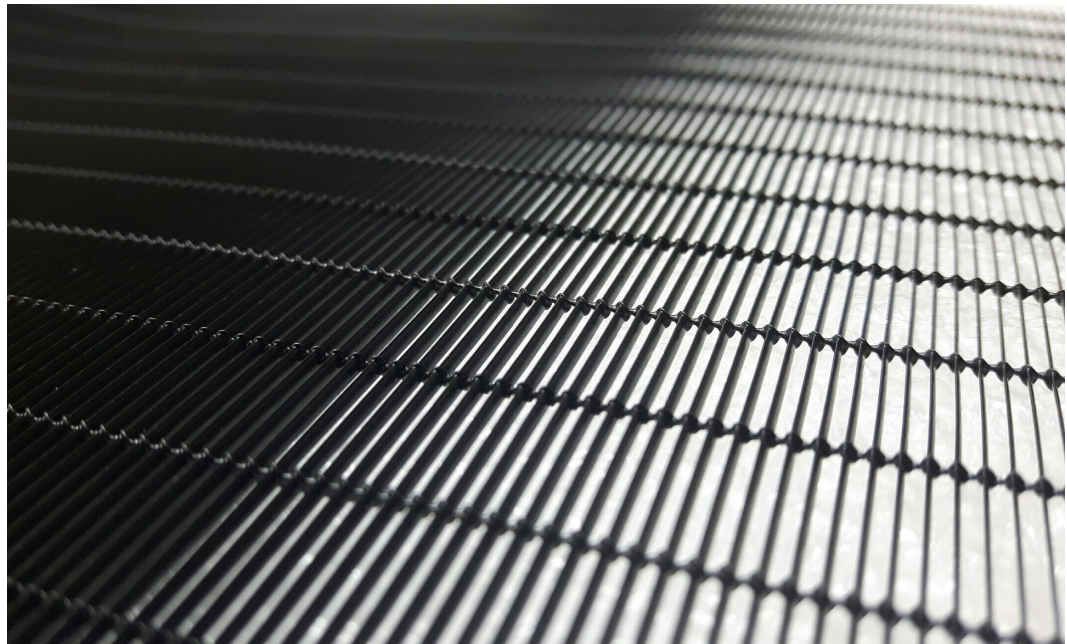
49.4% | Compliant screening for bushfire up to BAL-40 (based on 40kW/m2 incident irradiance)

**Resistance to wind:**

Hurricane proof: 100mph/160kph

**Wind load:**

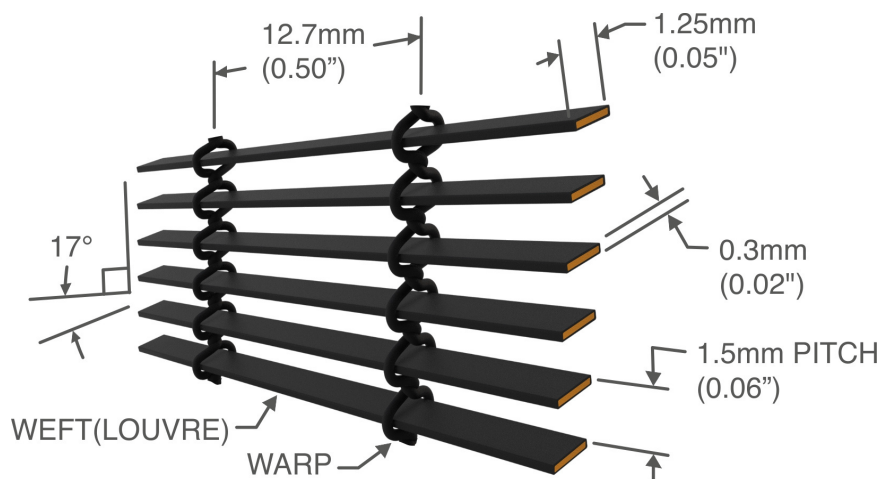
<14.65 kgf/m2



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. It can be used in its fabric form or tensioned in a frame, for controlling and diffusing sun, light and air.

The micro-fine louvres are angled to suit a number of applications, whether to ensure optimum light in or redirect light, whilst blocking heat and glare, or to allow ventilation and filtration of air.

**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