

Introduction

Cadisch Wedgtec® is the material of choice when strength and beauty are the key factors in a project. The strength of the material comes from its make up, with panels consisting of 2 components: support rods and a wedge shape wrap wire. Each intersection of the support rod and wrap wire is welded using a process that produces a fusion weld. This method of welding gives the screen inherent strength and ensures that the structure remains unchanged and free from stress cracks which can lead to corrosion.

Cadisch offer a number of slot sizes and wire thicknesses. Panels can be made to specification depending on the weight and open area required for a particular project. With applications ranging from column claddings to walkways and balustrading, Wedge wire is a particularly robust and versatile material.

Wedgtec is the registered trademark of Cadisch MDA Ltd.

Product Properties

Profiles and Support wires

Various shaped profiles and support wires are available.

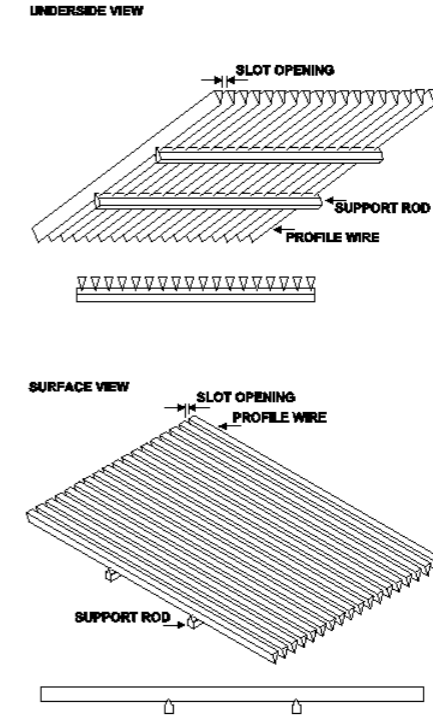
Slot Openings

Slot openings range from 1mm to 20mm, depending on your choice of wire and screen configuration.

Support Spacing

Typical support spacing ranges from 10mm up to 150mm. We will recommend a support wire spacing depending on loading, flatness or cylindrical requirements.

NB. Minimum order quantities may apply to certain products in this section.



Case Study

Great Wharf Bridge, London

This material is more traditionally used in architectural applications as grate infiles, however its high impact loading capabilities and beautiful structure made it ideal for the balustrade and truss infiles for this modern bridge in the heart of Canary Wharf.

Specification

Architect: Wilkinson Eyre Architects

Contractor: Viking Engineering Ltd

Mesh Type: Juncal

Material: Stainless Steel 316L

Thickness: 10.3mm

Finish: Satin Polished

Page No: 52





Lhotse

Material: Stainless Steel 316 and 304
Slot: 46 x 2mm
Profile: 3.35mm
Thickness: 5.35mm
Weight: 24kg/m²
Finish: Matt Pickled and Passivated, Satin Polished
Max Panel Size: 2m x 2m



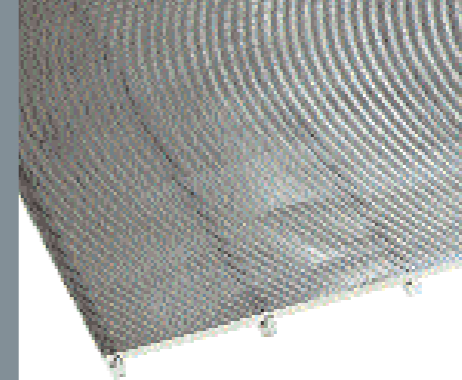
Juncal

Material: Stainless Steel 316 and 304
Slot: 45.6 x 2.85mm
Profile: 2.25mm
Thickness: 10.3mm
Weight: 12.3kg/m²
Finish: Matt Pickled and Passivated, Satin Polished
Max Panel Size: 2m x 2m



Kamet

Material: Stainless Steel 316 and 304
Slot: 46.7 x 5mm
Profile: 2.8mm
Thickness: 10.75mm
Weight: 12.7kg/m²
Finish: Matt Pickled and Passivated, Satin Polished
Max Panel Size: 2m x 2m



Nugu

Material: Stainless Steel 316 and 304
Slot: 46.6 x 0.5mm
Profile: 1.66mm
Thickness: 10mm
Weight: 17.85kg/m²
Finish: Matt Pickled and Passivated, Satin Polished
Max Panel Size: 2m x 2m