

SAFETY SCREEN iNFRA SLIM

The iNFRA SLIM safety screen is a modern and transparent bridge screen designed for pedestrian and cycle bridges crossing roads and railway tracks. This elegant solution combines fall protection and suicide prevention with unobstructed views of the surroundings and a clean, contemporary appearance.

The structure consists of hot-dip galvanized steel and nano-treated, hard-coated polycarbonate panels, mounted using discreet tubular fixings and transparent connectors between screen elements. The polycarbonate panels are typically supplied in clear or opal finishes, but can also be colour tinted or printed. The screen is reinforced with either a U-profile or a folded top section to provide increased rigidity.

For mounting along railways, all screens are provided with earth rails and each section is earthed separately.

- Hot-dip galvanized/stainless posts with tubular fixings
- Transparent joints between the panels
- Can be adapted for installation on top of retaining walls
- Each section is earthed separately if mounted along railways
- U-profile or bent top edge for enhanced stability
- Custom pattern printing available

Advantages

- Half the weight of conventional glass
- 300 times stronger than glass - no risk glass break
- Easy graffiti removal and minimal maintenance
- Low life-cycle cost

Applications

Electrical contact protection, suicide prevention, fall protection, splash guard, etc.

Engineering support

We recommend involving us from the earliest concept stage. Our engineers can provide drawings and design proposals tailored to your project. We will be happy to provide tenders for complete projects: Structural design, made-to-measure panels, steel components, fixing systems and installation.

Draft regulatory text

"Panels shall be constructed in 12 mm chemical-resistant (must withstand acetone), hard-coated polycarbonate offering at least 99.96% UV protection, type Hammerglass, mounted on hot-dip galvanised posts, type safety screen iNFRA SLIM."

TECHNICAL SPECIFICATIONS iNFRA SLIM	
Maximum panel width	2000 mm
Maximum panel height	2500 mm
Dimension polycarbonate panel	12 mm
Product dimensions U-profile	44 x 26 x 4 mm
Can be supplied with printed patterns and bird protection markings	

