

TECHNICAL / QUALITY SPECIFICATION SHEET

WELDED MESH PRODUCT SPECIFICATION SHEET

PRODUCT DESCRIPTION:

- **Welded Mesh Galvanised Panels**

TECHNICAL DATA:

Material: Low Carbon mild steel, conforming to BS EN 10016-1 Grade C9D.

Wire Properties:

| Wire Size (mm) | Wire Tensile Strength (N/mm ²) |
|--------------------|--|
| 12g (2.50 nominal) | Typical Range: 650/850 |
| 10g (3.08 nominal) | Typical Range: 600/800 |
| 8g (4.00 nominal)* | Typical Range: 550/750 |

* Externally Galvanised

Product Dimensions:

| Aperture Size (mm) | Length / Width (mm) | Squareness (mm) | Weld Shear Strength |
|---|---|--|--|
| Full tolerance: Mesh size <50: +/-2mm Mesh size 50 to <200mm: +/-3mm Mesh size 200mm & above: +/-4mm | +/- 3mm on 2 ft or less +/-1.5mm added per extra ft mesh | Difference in diagonals, dependent on panel / mesh size: Guideline: 12"x 12" =3mm max 24"x 24" =3mm max 36"x 36" =3mm max 42"x 42" =4mm max 48"x 48" =5mm max 72"x 72" =6mm max 84"x 84" =8mm max | Average 75% of lowest base wire tensile strength |

NOTE:

- All dimensional aspects meet or exceed the requirements of BS EN 10223-4: 1998.
- In most of the above parameters, tighter tolerances can be achievable dependent on the mesh size and style, but this must be by agreement before an order is placed.
- Galvanised mesh produced "In House" meets the requirements of BS EN 10244-2: 2001 Class A
- External Galvanising by agreement meets the requirements of BS 1461: 1999