



Product Specification:

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|--|--------------------------------|
| Load Bearing Bar Size | 50x9 Tapered |
| Load Bearing Bar | 50 mm ² |
| Max Clear Span at 3kN/m ² | 1345mm |
| Max Clear Span at 5kN/m ² | 1130mm |
| Max Clear Span at 5kN/m ² | 1035mm with 4mm max deflection |
| Max Clear Span at 7.5kN/m ² | 990mm |
| Panel Weight | 26KG/m ² |
| Resin | Isophthalic Polyester |
| Fire Rating | ASTM E84 Class 1<25 |
| Finish | Gritted |

Flowdeck solid top moulded GRP grating panels are a lightweight and durable solution for walkways and platforms. The panel is available in a various thickness and has a 3mm solid grip plate to the upper side of the panel. The Isophthalic Polyester Grating panels are suitable for general use where factors such as high-strength, non-conductive, lightweight and corrosion resistant applications are required. Panels are up to 50% lighter than steel. The panels are finished in a hard wearing anti-slip gridded surface – compliant to National and Internationally recognised standards.

| Product Colour | Product Code | Pannel Size | Type, Depth & Mesh Size | Resin |
|--------------------|--------------|--------------|-------------------------|-----------------------|
| LIGHT GREY 7040 | FD53000P3A | 3.66x1.22Mtr | 53mm Solid Gritted Top | Isophthalic Polyester |

Quality Assurance

Business Information Modelling (BIM) Level 2 accredited business
 ISO 9001:2015 for Quality Assurance
 ISO 14001:2015 for Environmental procedure
 Certificate of Conformity as standard
 BS4592:2012 / EN141222 : 2016 for Design
 BS4592-0:2006 + A1:2012 for Industrial Flooring & Walkways BS EN 141222-2 2016 Working Platforms & Walkways
 STM E-84 Class 1 (A) : 1998 for Fire Retardency for Surface Spread of Flame
 BS 476 PT 7 Class 2 : 1997 for Fire Retardency
 ASTM D-635 for Self-extinguishing properties

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Individual calculations sheet available upon request.

The weight is estimated based on a galvanized finish.

Advice and guidance is given in good faith without responsibility.

Calculation sheets must be used from either LK group or other suitably qualified engineering sources to confirm and determine the final max clear span and loading per attached typical data.