

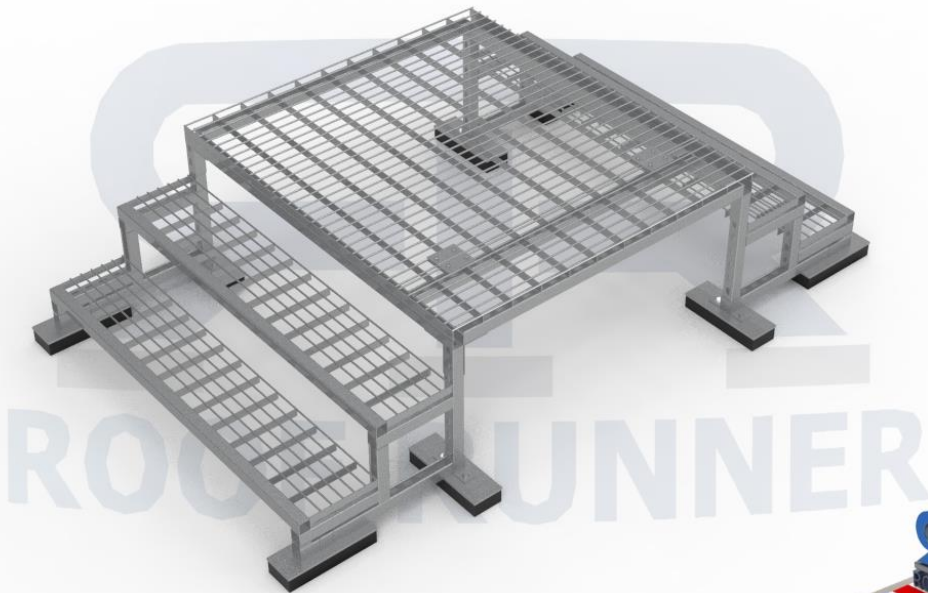
# STEP UP SYSTEM

Designed and manufactured in house to any size and height requirements. Available pre galvanized or hot dipped and supported on our RR feet with height adjustment.

To complement each step up all of our support feet range are easily fitted to any system to help with roof area loading issues or restricted areas.



Modular, versatile and cost effective our range of bespoke step ups here at roofrunner are the ideal solution for low level roof top access. Whether you require low level pipe clearance, cable tray access or parapet wall bridging, all of our step ups provide a convenient and simple solution in any size to suit your application.



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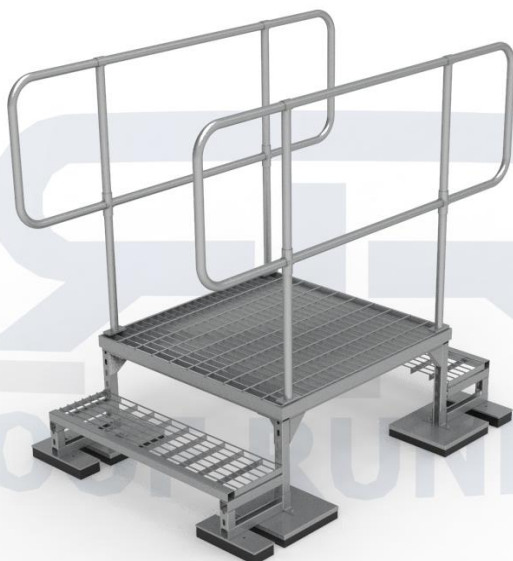
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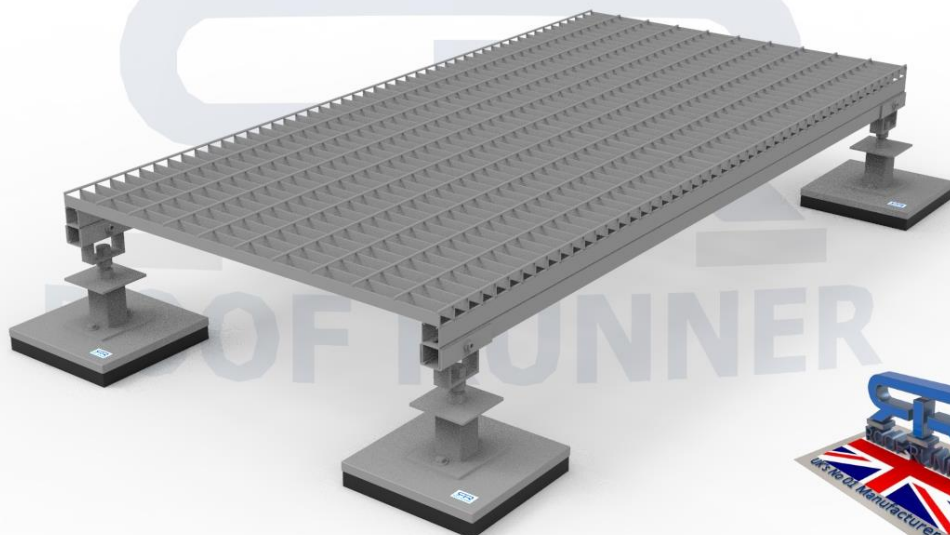
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**Project application**

Commercial flat roof and low-pitched access step-up

**Roofing**

Membrane and Bitumen

**Material**

Mild Steel Pre Galvanised BS EN 10326 Yield 350 N/mm<sup>2</sup>

**Base material**

Fire retardant Closed cell polyethylene 67 kg/m<sup>3</sup>

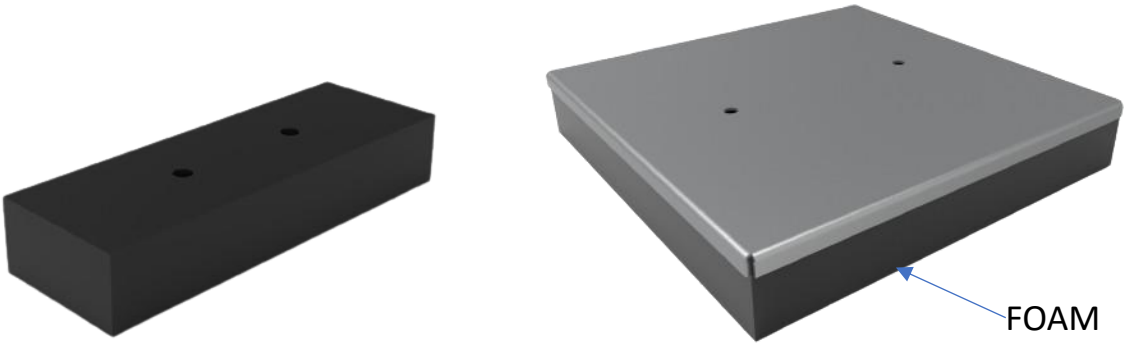
**Fasteners**

BS 6946 BS EN Yield stress 170 N/mm<sup>2</sup>

**Flooring**

41/100 BS EN100025 SJ75JR

# PA45 POLYETHYLENE FOAM



## SPECIFICATION SHEET FOR PA45 POLYETHYLENE FOAM

| PROPERTIES                    | TEST METHOD | RESULTS   | UNIT   |
|-------------------------------|-------------|-----------|--------|
| PHYSICAL PROPERTIES           |             |           |        |
| Density                       | ISO 845     | 45        | Kg/m³  |
| Tensile Strength              | ISO 1798    | 478       | kPa    |
| Elongation                    | ISO 1798    | 224       | %      |
| Compression - 10%             | ISO 844     | 88        | kPa    |
| 25%                           | ISO 844     | 103       | kPa    |
| 50%                           | ISO 844     | 172       | kPa    |
| Compression Set at 0.5Hrs     | ISO 1856    | 7.0       | %      |
|                               | ISO 1856    | 2.0       | %      |
| 24Hrs                         |             |           |        |
| Compression Set at 50% 0.5Hrs | ISO 1856    | 20.0      | %      |
| Compression Set at 50% 24Hrs  | ISO 1856    | 7.0       | %      |
| Working Temperature Range     | Internal    | - 60 / 90 | °C     |
| Water Absorption % Vol (max)  | Internal    | 1         | %      |
| Thermal Conductivity at 10°C  | ASTM C177   | 0.0390    | W/Mk   |
| Thermal Conductivity at 40°C  | ASTM C177   | 0.0410    | W/mK   |
| Shore – OO                    | ASTM D2240  | 61        | oo     |
| Flammability                  | FMVSS 302   | 35        | mm/min |