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## ROOF GRIP SPECIFICATION

Reg. No.: 2010/025574/23

417 RG600 Rev 0

### **DESCRIPTION:**

This specification relates to the design and application of the Roof Grip Access Walkway **RG600**

### **PURPOSE:**

This document describes the attributes of Roof Grip Access Walkway RG600 to ensure its safe application.

### **SPECIFICATION:**

#### **Application:**

Roof Grip RG 600 is designed to give safe and controlled access across metal roof sheet installations.

It is designed for use on roof pitches up to 10 Deg.

#### **Loading:**

Roof Grip is designed with a calculated load carrying capacity of 1.5kn/m<sup>2</sup> (as required by SANS 10160-2:2010 Table 2 Category E4) for maintenance walkways, bearing in mind this carrying capability will be limited by the roof structure design. The support brackets for the product must be spaced at no more than 850mm in order to comply with this load criteria.

#### **Design:**

Roof Grip RG600 makes use of Ampligrip type 201 as its floor panel. Ampligrip is an expanded aluminium floor grating that is designed to comply with the requirements of ISO 14122-2, Working Platforms and Walkways.

A ridge seam clamp, that is designed to suit the roof sheet profile, is used to fix the walkway to the roof sheeting. The seam clamp also elevated the walkway above the roof sheet. The seam clamp position is determined by the ridges of the roof sheet profile, up to a maximum of 850mm.

Support across the width of the floor panel is created by the use of bearer bars. The bearer bars are placed and fixed onto the seam clamps. This automatically fixed the spacing of the bearers.

#### **Life Span:**

The product is designed with a life span in excess of 20 years, with the minimum of maintenance, under normal use conditions.

#### **Weight:**

The aluminium walkway and brackets weight approximately 5.4kg/m (RG600).

#### **Banding:**

Roof Grip floor panels are available banded or un-banded.