

# FITMENT INSTRUCTIONS

**Alu-Cab™**



## Fitment of EPDM Foam Seal for Canopy Campers

All rights reserved. No part of this document may be reproduced, translated, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the owner.

Review all instructions information carefully before installation.

Any damages, direct or incidental to the installer and/or property due to incorrect installation of any parts are the responsibility of the installer. Due to the various applications and fitment options available, the responsibility lies with the user to ensure all mounting points are secure and tight before every trip. If unsure, consult with your Distributor regarding the operations of our products.

Users are advised to be mindful of the load they are carrying and drive in accordance with road conditions.

**DISCLAIMER**

**Alu-Cab**

## Tools, Fasteners & Hardware:

The tables below show the equipment, i.e. tools and fasteners required to start the EPDM Foam fitment onto the Canopy Camper base unit.

### Tools & Items Required:

TOOLS
Measuring Tape
Knife / Blade / Scissors

### Hardware Required: (Included with Canopy Camper Base Unit)

ITEM	DESCRIPTION	QTY
RUB-FM-48x10x7m	EPDM 48x10 Self-Adhesive Foam Strip	7 m



**Figure 1: RUB-FM-48x10x7m**



#### **WARNING**

Always wear appropriate PPE ( Personal protection equipment) when fitting this product. Although the mounting kit is designed to be DIY, if you have any doubts or concerns, contact an accredited fitment centre to carry out the work. Alu-Cab will not be liable for any injury to persons, and/or damage to products and/or vehicles.

## 1. Purpose:

The self-adhesive EPDM foam forms the seal between the Canopy Camper base unit, and the vehicle's load bin walls. This provides a dust and waterproof seal. The adhesive used on the one side of the foam strip allows the strip to be fitted to the Canopy Camper prior to fitment to the vehicle, and stay in place when seating the camper.

## 2. Preparing to attach the EPDM Foam to the Canopy Camper:

Firstly, take note of the Canopy Camper base unit dimensions, for the mounting surface, shown in Figure 2 below:

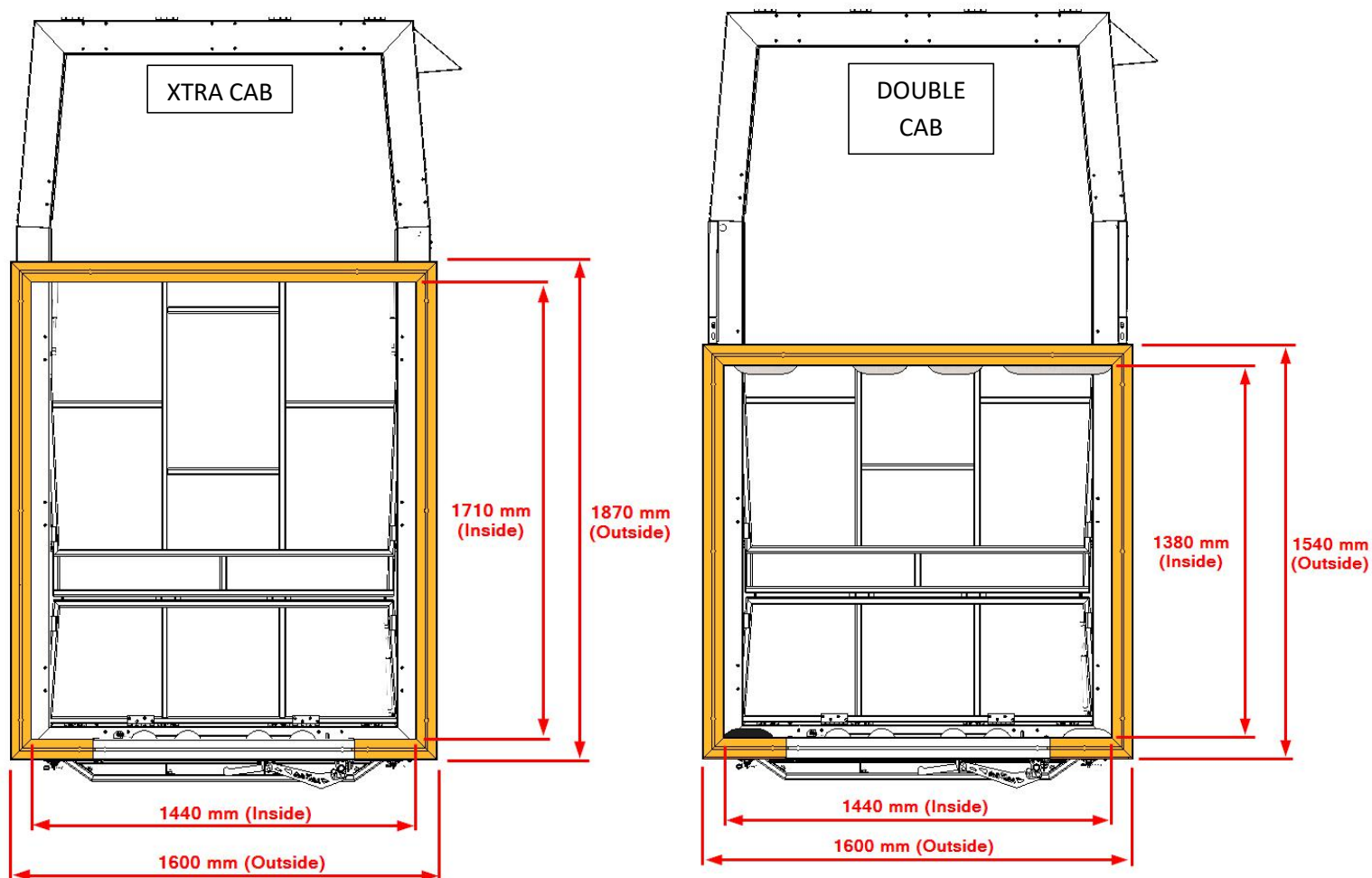


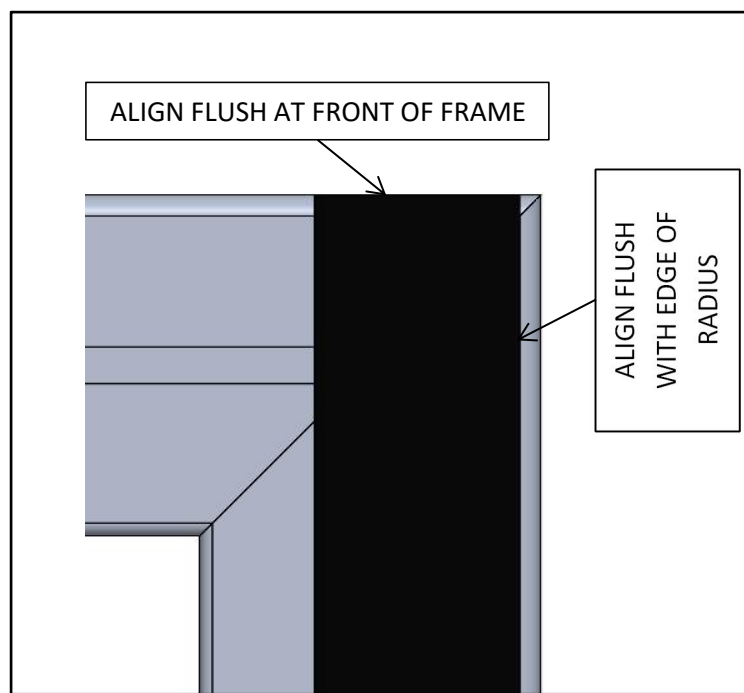
Figure 2: Canopy Camper Base Unit Mounting Surface - Dimensions (Bottom View)

### 3. Attaching the EPDM Foam to the Canopy Camper:

Using the dimensions in Figure 2 as a guide, the EPDM foam strip can now be applied to the underside of the base frame of the Canopy Camper.

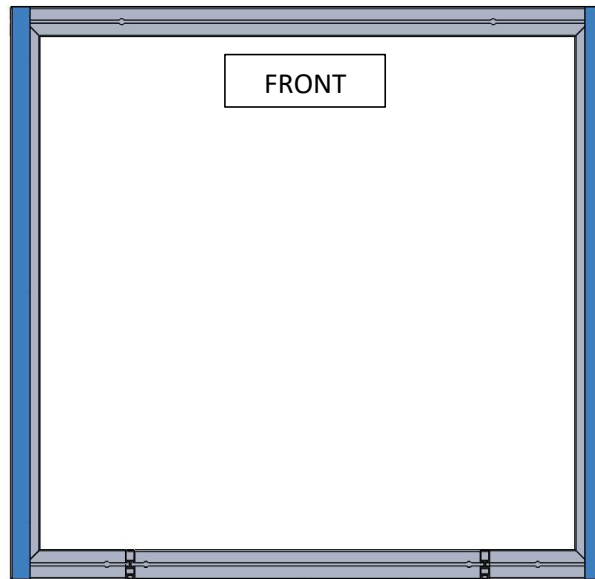
#### **Step 1 - Sides:**

Peel back 20mm of the backing paper, to expose the adhesive side of the strip. Start on either the left hand or right hand side of the frame, aligning the strap as shown below:



**Figure 3: Front Corner Example**

Ensure that the strip is running straight, using the edge of the load bar frame radius as a guide. Cut the strip off inline with the rear of the base frame. Complete the opposite side. See Figure 4 on the next page for the completed sides:

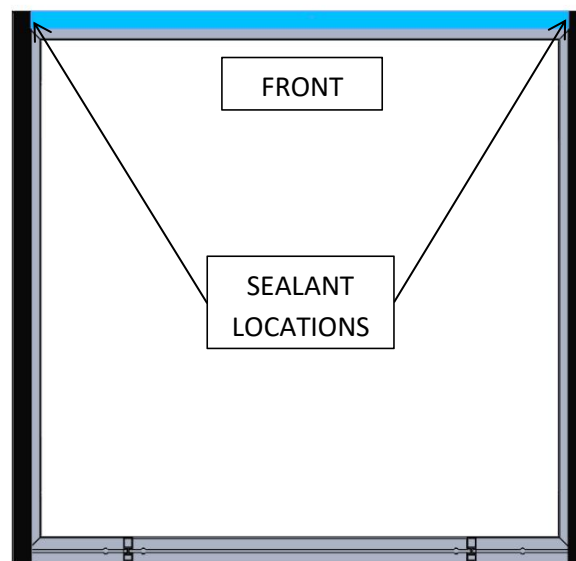


**Figure 4: Sides Completed**

**Step 2 - Front:**

Measure the distance between the two (2) side, and apply a strip of foam along the front member of the base frame. Align the strip with the front edge of the base frame.

Apply a small amount of sealant, such as SIKAFLEX, between the interfaces of the foam strips, to ensure an unbroken seal. See Figure 5, below:



**Figure 5: Front & Sides Completed (Sealant Locations Indicated)**

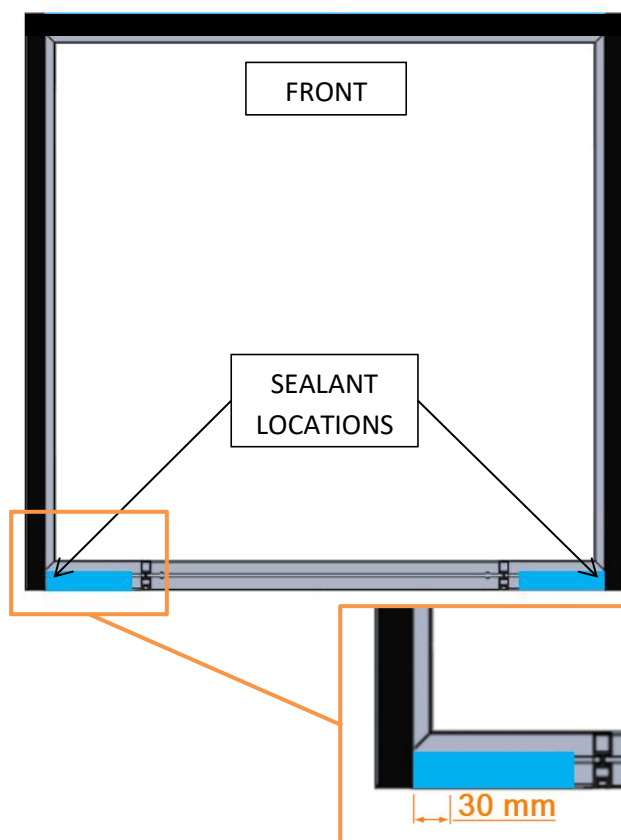
### Step 3 - Rear:

The final areas to apply the EPDM foam strip are the rear corners.

The length of foam strip required, varies from vehicle to vehicle, as the Rear Filler Assemblies are specifically designed to suit the tailgate opening of the intended vehicle.

Cut two (2) lengths of foam  $\pm 300$  mm long. Align the strips with the rear edge of the base frame, and butt them against the foam running the length of the sides. Apply a small amount of sealant, such as SIKAFLEX, between the interfaces of the foam strips, to ensure an unbroken seal.

**NB** - Only peel back 30mm of the plastic backing and stick in place, at the corner interface, as the strips will need to be cut shorter, when seating the unit. See Figure 6, below:



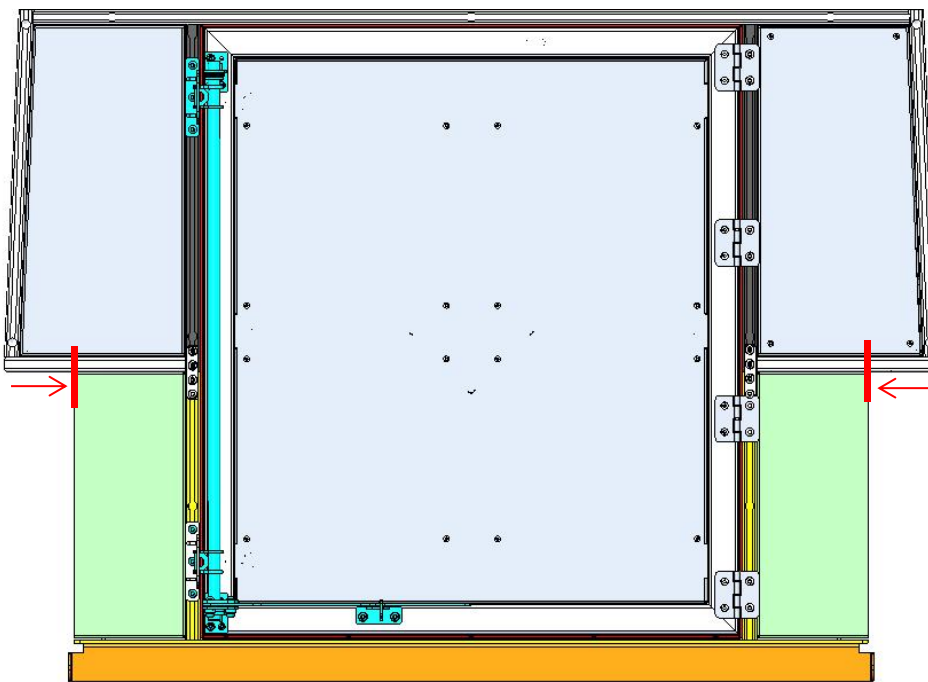
**Figure 6: Rear (Sealant Locations Indicated)**

#### Step 4 - Trimming during Fitment:

Once the Rear Filler Assembly is mounted to the vehicle, the fitment of the Canopy Camper can begin.

Once the Canopy Camper is centred and aligned front to rear, the rear EPDM foam strips will need to be trimmed back, and then the plastic backing peeled back, so they can adhere to the base frame, in place. The foam is terminated at the rear filler boxes / plates. The interface between the Canopy Camper base frame, and the rear filler boxes / plates is sealed using a sealant such as SIKAFEX.

Figure 7, below, indicates where the EPDM foam strip must be terminated:



**Figure 7: Rear Completed (EPDM Foam Termination Locations)**