

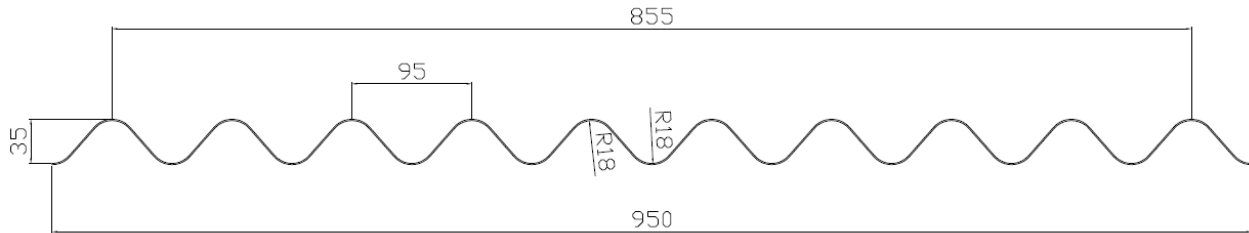
# PALRUF® Technical Guide

## Profile: 95-35



13/11/2012

### Profile Drawing



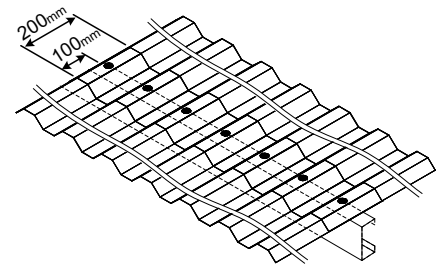
### Profile Dimensions

Profile (mm)	Thickness (mm)	Length (m)	Overall width (mm)	Cover Width (mm)	Side-Lap (%)
95/35	1.2	1.5 - 11.6	950	855	10

### Load / Span Data

Load	Maximum Roof Span (mm)
Areas with snow	600mm
Areas without snow	750mm

- The specified dimensions do not supersede the requirements of local construction codes.
- The maximum purlin spans are based on continuous beam calculation model and practical testing.
- The criterion for allowed deflections is  $L/20$ .
- The mentioned load refers to both wind and snow loads.
- Minimum recommended slope – 10%.
- For vertical application spans can be increased by 10%.



### Panel Length

- Maximum recommended panel length - 7.0 m.
- Recommended longitude overlap of 200mm above purlin.
- Each panel to extend 100mm over the fixings line on the purlin.
- Panels should overhang Min. 50mm and Max. 150mm beyond the last fixings line.

### Curved Roof

- Minimum curving radius 14.0 m.



# PALRUF® Technical Guide

## Profile: 95-35



13/11/2012

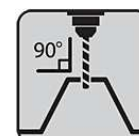
### Positioning

- Side-lap of PALRUF panels should be installed against the primary direction of rain.
- The PALRUF panels should be positioned and installed without any stresses.  
Do not pull, stretch or force the sheets when the profiles are not perfectly matched.

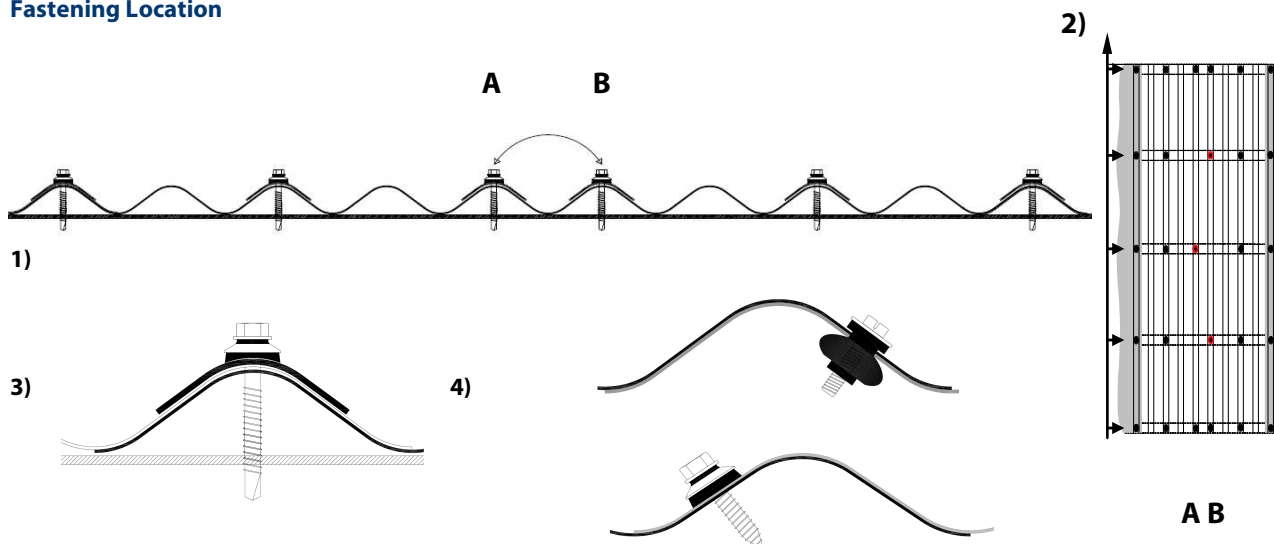


### Fastening

- Apply sealing tape over the PALRUF panel side-lap corrugation crests, where covered by the next panel.
- Apply sealing tape along the bottom and top End-lap (if there is), along screws centerline or two tapes on both sides of screw centerline.
- Pre-drill 10mm holes at crests where screws are positioned.
- Start fastening the screws from the first side-lap (left) through the pre-drilled holes (3).
- Start fastening the screws on the edge purlins (End-lap), as in drawing (1, 2) with **2** screws in the mid waves **A+B**.
- Fasten screws at the internal purlins, as shown in drawing (1, 2(**RED**)). Mid screws alternatively **A** and **B**.
- Do not over-tighten!**
- Fasten the stitching screws at every 12-16 inches (4).



### Fastening Location



### Screws and Washers Specification

- Crest fixing: Self-drilling 5.5mm (1/4") x 63.5mm (2.5") screw + matched metal crest rider (Storm washers) with EPDM gasket or 19mm diameter- galvanized / aluminum / stainless metal washer attached to EPDM rubber gasket of 55 to 65 shore hardness, or Self-drilling 5.5mm (1/4") x 63.5mm (2.5") screw with EPDM washer

# PALRUF® Technical Guide

## Profile: 95-35



- Side Stitching: 5.5mm x 25mm (1/4"x1") Stitching Screws (Grommet seals) with EPDM seal or 5.5mm x 19mm (3/4") self-tapping screw with 19 mm washer/gasket.

### Important Notes

- Use only PALRAM approved accessories, including EPDM rubber washers, silicones, sealing tape, closure fixtures etc.
- For clear PALRUF onto wooden purlins, apply white acrylic paint, or aluminum tape, in order to prevent over-heating of the purlins.

### Cutting Tips

- Use jigsaw or circular saw with fine tooth blades.
- Apply high blade speed with moderate feeding rate.
- Support the sheets near the cutting line.
- Clean the dust and cutting chips after cutting.



### Fastening Tips

- Use adjustable electric screwdriver.
- The screw must be installed perpendicular to the PALRUF sheet.
- **Important: Do not over-tighten.**



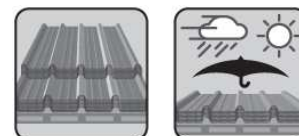
### Safety

- Do not step directly on the panel.
- Use stepping boards.
- Work according to local safety regulations.



### Handling and Storage

- Store in a dry shaded place, protect from direct sunlight and rain.
- Cover PALRUF stack with white opaque covering.
- Avoid covering the sheets with heat absorbing materials.
- Avoid contact or environment of chemicals.
- Protect the sheets from any physical damage.



Inasmuch as PALRAM Industries has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the material's suitability for his own particular use. Statements concerning possible or suggested uses of the materials described herein are not to be construed as constituting a license under any PALRAM Industries patent covering such use or as recommendations for use of such materials in the infringement of any patent. PALRAM Industries or its distributors cannot be held responsible for any losses incurred

# PALRUF® Technical Guide

## Profile: 95-35



---

through incorrect installation of the material. In accordance with our company policy of continual product development you are advised to check with your local PALRAM Industries supplier to ensure that you have obtained the most up to date information.