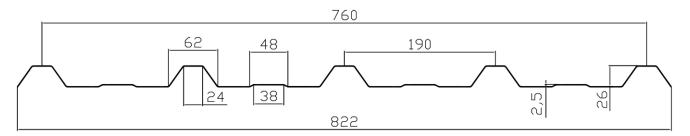
# SUNTUF® INDUSTRIAL Installation Guide



# SUNTUF SPANTUF 700 0 24 1 1 87, 5 29. 5 754

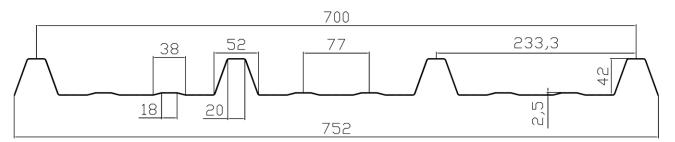
Profile (mm)	Thickness (mm)	Length (m)	Overall width (mm)	Cover Width(mm)	Side-Lap (%)	Min Curving Radius (m)
87.5/24	0.8-1.5	1.5 -	754	700	7.1	10

# SUNTUF TRIMDEK (5000)



Profile (mm)	Thickness (mm)	Length (m)	Overall width (mm)	Cover Width(mm)	Side-Lap (%)	Min Curving Radius (m)
190/26	0.8-1.5	1.5 -	822	760	7.5	11

# SUNTUF KINGKLIP (8000)



Profile	<b>e</b> (mm)	Thickness (mm)	Length (m)	Overall width (mm)	Cover Width(mm)	Side-Lap (%)	Min Curving Radius (m)
233.3	/ 42	0.8-1.5	1.5 -	75 <sup>2</sup>	700	6.9	17

# Panel Length

Recommended panel length up to 7.2 m.

\* Longer lengths can be obtained based on project requirements

# **SUNTUF® INDUSTRIAL Installation Guide**

Profiles: TRIMDEK (5000) + SPANTUF + KINGKLIP (8000)

## Positioning

- Roof Pitch should be 5° (87mm per 1000mm) or greater
- Make sure the UV protected side faces out.
- Remove all sticker immediately after installation.
- Lay the SUNTUF panel to overlap metal panels on both sides.
- Recommended longitude overlap of 200-300mm above purlin.
- Each panel to extend 100-150mm past the fixings line on the purlin.
- Panels should overhang 50 150mm maximum beyond the last screw line.
- The SUNTUF sheet should be placed and installed without any stresses.

Do not pull, stretch or force the sheets during installation.

# Sealing - Recommended

- Apply sealing tape along the bottom and top End-lap (Where applicable), 2 cm down °¤<sub>j</sub> slope @ °¤<sub>j</sub> screws centerline.
- Apply sealing tape on the adjacent panels side crests covered by the SUNTUF panel in areas with strong winds, where roof slope is low and where spans between purlins are large.

### Fastening

- Pre-drill 10mm holes at crests where screws are positioned when not using Self-œ<sup>∞</sup>¥ £ screw<sup>-</sup>.
- Trimdek/Kingklip Fasten End purlin every crest and center of valley.

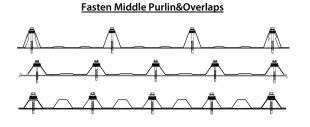
Fasten Middle purlin every top cr<sub>i</sub> st. Fasten Overlaps every top crest.

- Spantuf Fasten End purlin every top crest.
   Fasten Middle purlin every 2nd top cri st.
   Fasten Overlaps every 2nd top crest.
- Do not over-tighten!
- Fasten **Stitching Screws** every 300-400 mm In areas with strong winds, where roof slope is low and where spans between purlins are large .

Kingklip

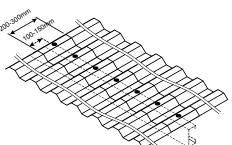
Trimdek

Spantuf





Predrill 10mm hole in top sheet layer only





PALRAN 12/04/2013





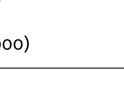


<u>Fasten End Purlin</u>





Predrill 10mm hole through both layers of sheeting **Stitching screws** 



# SUNTUF<sup>®</sup> INDUSTRIAL Installation Guide

# Profiles: TRIMDEK (5000) + SPANTUF + KINGKLIP (8000)

# **Screws and Washers Specification**

# **USE SUNTUF SCREWS**

- Crest fixing: Self-drilling 14g x 65mm (clearfix 14g x65mm)
- Kingklip over timber purlins/battens- 14g x 75mm timber screw & EPDM washer (Predill 10mm hole in PC)
- In areas with strong winds and/or snow loads , and where spans between purlins are large use metal crest rider (Storm washers) with EPDM gasket
- Side Stitching: 8g x 25mm Stitching Screws (Grommet seals) with 19mm EPDM washer (pre-drill 10mm holes on the PC where the screw are positioned) or 6.35mm x 19mm (1/4" x 3/4") self-tapping screw.

# **Important Notes**

- Use only PALRAM approved accessories, including EPDM rubber washers, silicones, sealing tape, closure fixtures etc.
- For clear SUNTUF onto wooden purlins, apply white acrylic paint, or aluminum tape, in order to prevent over-heating and drying of the wooden 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 SUNTUF 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.
- Avoid covering the sheets with heat absorbing materials.
- Avoid contact with paint, adhesives or other materials that are not compatible with Polycarbonate.
- Protect the sheets from any physical damage.
- Clean regularly with warm soapy water.

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