



Safe Installation Procedure: Translight on Frame

Safety-Compliant Studio Version

This procedure outlines the safe and correct method for installing a translight or backing on a rigid frame within a studio or location environment. All crew handling the translight must be briefed prior to installation.

1. Preparation and Frame Construction

- Construct the supporting frame so that its internal dimensions are **75 mm larger than the printed translight** in both width and height.
- Verify that the frame is **structurally sound**, fully secured, and free from twists or bends.
- Only trained personnel may operate ratchet tensioning equipment.

2. Installing the Upper Edge

- Begin attachment at the **central eyelet**, progressing outward equally to both sides to prevent lateral skew.
- Where the translight contains a **vertical seam**, attach the eyelets on both sides of the seam to maintain balanced vertical load distribution.

3. Securing Vertical Edges

- Attach all side eyelets evenly to the ladder-beam side frames.
- Do not apply **localised or excessive force** to single eyelets; this may deform the image or damage the substrate.

4. Ratchet Strap Tensioning

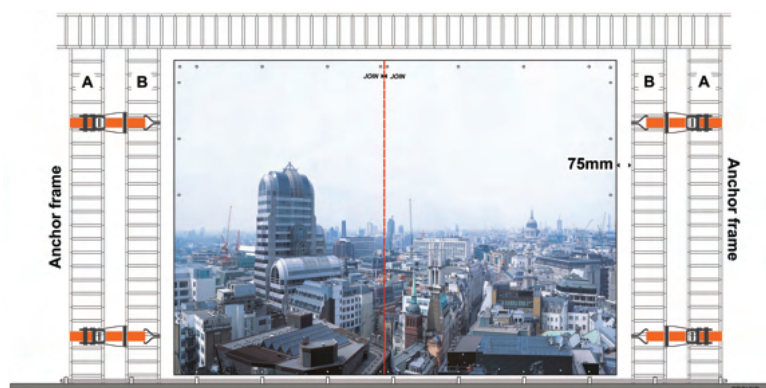
- Apply ratchet straps around the **A and B ladder frames** at both top and bottom.
- Apply light preliminary tension to stabilise the material.
- **Release tension on frame B**, then slowly tension B **outward against A** until the translight achieves an even, wrinkle-free surface.
- Ratchets must be operated with gloves and controlled increments to avoid sudden load shifts.

5. Lower Edge and Ground Safety

- Position the lower tube or ladder beam on **secure cleats** on the floor.
- Attach the lower eyelets, maintaining a consistent and safe gap above the ground.
- Ensure all crew keep feet clear of the lower beam during tensioning.

6. Final Alignment, Inspection, and Sign-Off

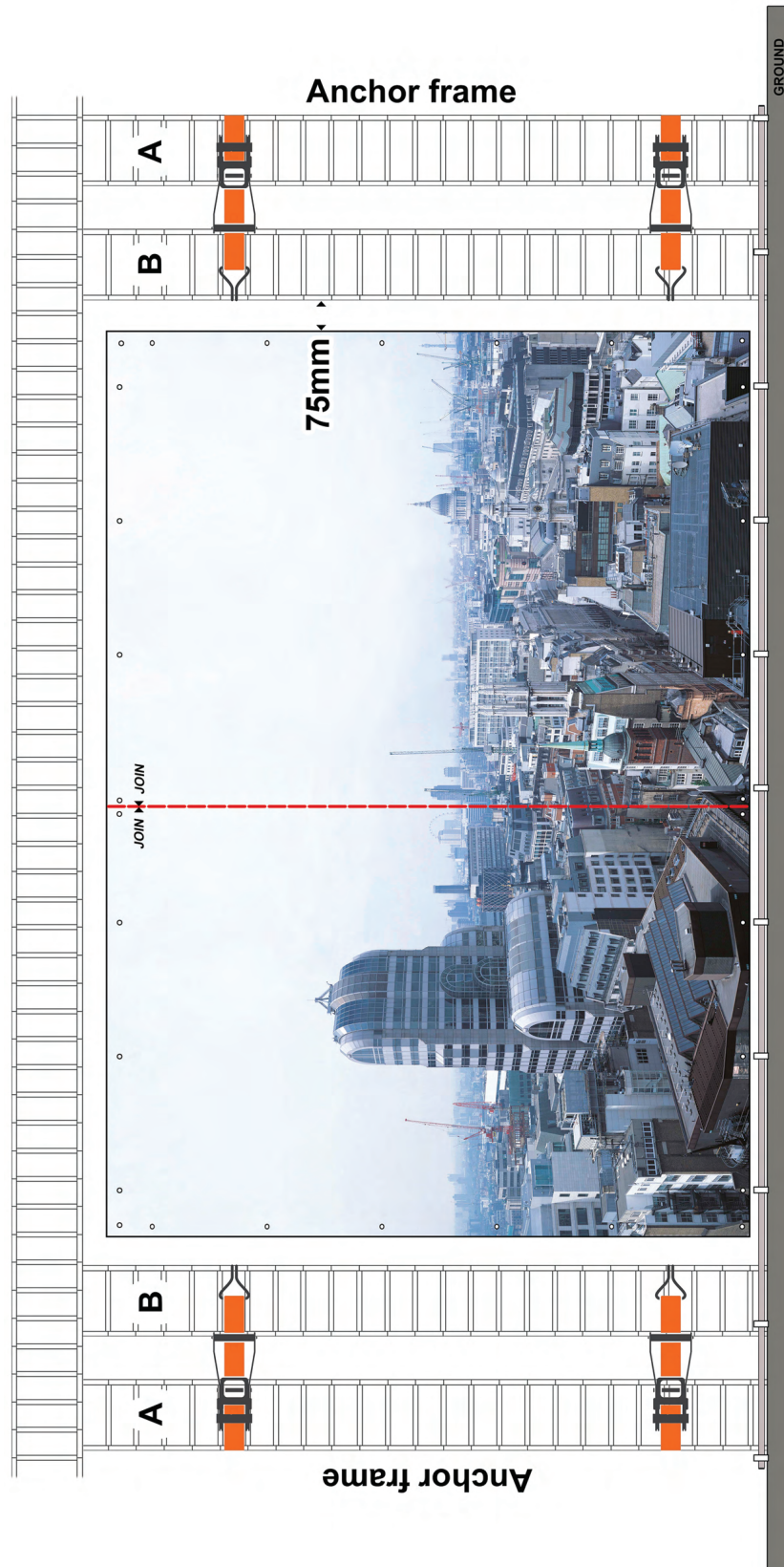
- Confirm that the top rail is directly in line with the bottom rail and that any printed seams run vertically without distortion.
- Inspect for wrinkles, diagonal stress lines, or uneven pull; adjust side and ratchet tension accordingly.
- Once the translight is correctly aligned and tensioned, secure all ties and ratchets and conduct a final safety check.





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grand format images