

CARE & MAINTENANCE OF FRAMES

Cleaning Marquee Frames

Baytex supplies a range of alloy portal framed structures and guyed pole tents built to a very high standard in its Tauranga, NZ based factory. These products are described in our manufacturing drawings and are supported by certified PS1 engineering documentation.

These are purpose designed, high quality structures or pole tents comprising of heavy duty anodised 6261, 6060 T6 aluminum extrusions, galvanised steel connectors and other frame components.

The portal framed structures are stabilised with heavy-duty galvanised steel bracing cables and turnbuckles while the pole tents are stabilised with 38mm or 50mm ratchet straps.

All Alloy Portal Framed Structures and Guyed Pole Tents are secured to the ground through steel staking or alloy screw anchors.

While these structures or pole tents are very durable and low maintenance a routine maintenance program to check for wear & tear, damaged or faulty components will ensure safe use and maximise life expectancy. **Your maintenance checks should be conducted prior to your high season and prior to and/or following each use.**

Framework: Aluminium:

- The various portal framed structures and guyed pole tents comprise a range of extruded aluminum structural elements such as legs, rafters, purlins and centre poles. Each element is integral to the structural performance of the tent and should be regularly checked for structural cracking, tears, major dents, connection joint stretching and bending damage.
- Main tent aluminium structural rafters, front, rear & gable side legs etc are quite robust due to the anodised surface treatment. If any scratches or dents occur these can be repaired, and a light coating of satin silver enamel will protect from corrosion. Other than this a warm soap water or Baytex's Sliktop will keep the surface in good condition.
- If any such damage is present either prior to use or following use these components should be noted on the maintenance sheets and isolated from further use. Depending on the extent of the damage the component can either be repaired or replaced. Please refer to the manufacturer for advice.
- As described above the extruded aluminum elements are structural elements so do not drill into or otherwise damage or alter these structural faces without the consent of the manufacturer.
- Under no circumstances shall a damaged alloy component be repaired by welding.
- It is typical for the aluminum extrusions to have steel connection brackets or cast alloy end fittings secured with structural alloy Huck rivets. It is important that these items are checked for loose or broken or corroded rivets. Please refer to the manufacturer for the appropriate replacement fastener and repair procedure.
- Superficial damage such as scratching or minor dents whilst aesthetically unpleasant are not considered structural damage and should be noted in your maintenance check sheets but no action may be necessary at this stage.
- Do not overload the portal frames or pole tent centre poles. Total suspended point loads are allowed for in the engineering PS1 or occupancy permit documentation. Please refer to these documents or the manufacturer for the allowable loads for a given structure or pole tent.
- Ensure all pin bolts or button lock pins are secured, undamaged and tight.
- Ensure all roof purlins are maintained and secure in their correct position.
- Regularly check for corrosion damage to rivets and connections.



Cleaning Tools:
Sliktop Cleaner
Rags



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Cleaning Marquee Frames cont.

Framework: Steel Fittings

- The various portal framed structures and guyed pole tents comprise a range of steel structural connections between legs, rafters, purlins and centre poles. Each element is integral to the structural performance of the tent and should be regularly checked for structural weld cracking, tears, major dents and bending damage.
- If any such damage is present either prior to use or following use these components should be noted on the maintenance sheets and isolated from further use. Depending on the extent of the damage the component can either be repaired or replaced. Please refer to the manufacturer for advice.
- Review all steel connection fittings as above.
- Regularly check all steel components for corrosion and ensure all pin connections are tight and secure.

Framework: Cable Bracing/ Guy Straps

- Regularly check bracing cables/ Guy straps for damaged, fraying or broken straps.
- Maintain brace cables and ensure all brace cables are properly tightened with back nuts properly locked off.
- Never attempt to remove any brace cables while structure is in use.
- Regularly check guy straps for mechanical hook & keeper, ratchet damage, stitching damage or web fraying. If straps are damaged remove from service and replace. Refer to the manufacturer for the appropriate replacement.
- Cable must be installed in accordance with manufacturer's instructions.

Framework: Cable Bracing/Guy Straps

- Baytex ensures that all products that leave our factory are safe and compliant to industry standard for their respective markets.
- It is the owner's responsibility for the upkeep and maintenance of their Alloy Portal Framed Structure or Guyed Pole Tent, this will ensure the safety of their end users.
- Baytex offers a full 2 year manufacturer's warranty from purchase date for any repair or replacement.

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