



ALLCO MEMBRANE ROOFING SOLUTION

CARE AND MAINTENANCE

JOHNS MANVILLE TPO

WARRANTY

Allco Waterproofing Solutions Ltd is proud to be associated with some of the highest quality roofing membrane suppliers from across the world. You have chosen to install a high-quality Johns Manville membrane roof on your building that is designed, manufactured, and installed to provide years of protection to your building.

Your Allco Johns Manville membrane roofing system is manufactured using premium quality materials and installed by trained and approved applicators. Upon completion of the installation of your Johns Manville membrane roof, your Allco Approved Applicator will issue a Workmanship Warranty. Once this has been provided by the Allco Approved Applicator, Allco Waterproofing Solutions will issue a **20-year Product Warranty**.

To ensure continued validation of the warranty, regular, thorough, and documented maintenance of the Johns Manville membrane roofing system is required. A good maintenance regime is also the best way to prolong the life of the Johns Manville roofing membrane and fittings and prevent problems developing.

If at any time you have concerns regarding the performance of your Johns Manville membrane system, please contact Allco Waterproofing Solutions.

THE RIGHT WAY TO MAINTAIN YOUR ROOF:

DO'S

- Undertake or arrange roof inspections at least once a year. It is best to inspect your roof at the end of Summer and/or the end of Winter. Where the property has surrounding trees or high bird activity more frequent inspections may be required to ensure outlets and drains are free from debris.
- Record all inspections on the Membrane Inspection Form provided by Allco.
- Complete specific inspections after severe weather events including but not limited to strong winds, heavy continuous rainfall, or hail.
- Protect your roof if regular access is required for plant and equipment maintenance. For Johns Manville TPO an Allco JM TPO walkway mat can be installed on traffic routes to protect your roof membrane.
- Act immediately to contact your Allco Approved Applicator if any damage is noted or maintenance required.



- Contact an Allco Approved Applicator to perform a detailed inspection of the membrane system at periodic intervals as noted:
 - Initial inspection 1 year after installation
 - Follow up inspection 3 years after installation
 - Planned inspection at 5 year intervals until the completion of the warranty
 - Immediately if any leaks or damage are observed

DONT'S

- Allow unqualified personnel to access or maintain your roof.
- Permit other trades to make penetrations into your roof. Any modifications to your roof particularly those that require penetrations or fixings must be carried out or supervised by an Allco Approved Applicator.
- Move heavy equipment across your roof membrane.
- Puncture the roof membrane.
- Do not expose the roof membrane to exhaust fats, chemicals, petroleum products, solvents, or other contaminants.

GENERAL INSPECTION

HOMEOWNER/ END USER

- Ensure that the roof surface including internal gutters and valleys are clean and free of organic matter (leaves, twigs, and dirt) and any other debris.
- Check that all outlets and overflows are free from debris allowing water to flow freely through them without causing any ponding.
- Visually inspect the roof membrane, sheet joints and details for any visible signs of damage or punctures and record inspections using the 'Membrane Inspection Form' provided by Allco.
- Inspect any metal cap flashings to ensure they are secure and not causing wear to the membrane.
- Where possible inspect the underside of the substrate for signs of leaks.

ALLCO APPROVED APPLICATOR

- Perform detailed inspection of the installed membrane system at periodic intervals as noted or when contacted by the Homeowner/ End-user
 - Initial inspection 1 year after installation
 - Follow up inspection 3 years after installation
 - Planned inspection at 5 year intervals until the completion of the warranty

APPLICATOR INSPECTION

- Visually inspect the roof and gutters for any signs of damage
- Check for signs of ponding on the roof areas
- Inspect and seam probe lap joins, patches, and other welded details at random locations as deemed required
- Check all drains, outlets, and scuppers to ensure they are free from debris
- Inspect all terminations and penetrations
- Check the membrane wherever it encounters metal flashings for signs of abrasion or wear
- Ensure all cap flashings are fixed securely
- If any remedial work is required, ensure what was done and note the location on the inspection sheet

HEALTH & SAFETY

- Before accessing the roof, you must familiarise yourself with any relevant WorkSafe requirements and ensure these are adhered to.
- When working at heights follow all safety guidelines and where relevant ensure you are safely harnessed to protect from falling.
- If you are not comfortable in respect of working at height, get your Allco Approved Applicator or a suitably certified person to inspect.

LEAKS AND DAMAGE

If any leaks or damage are identified, you should immediately contact the Approved Applicator who issued the Workmanship Warranty or Allco Waterproofing Solutions. Any repairs required must be carried out by an Allco Approved Applicator and recorded as part of your annual roof inspections.

CLEANING OF YOUR ALLCO TPO MEMBRANE

You should complete your annual inspection by washing your roof thoroughly.

Apply a neutral detergent and water and agitate with a soft bristle broom, then thoroughly wash the roof down using a garden hose. If collecting water from the roof disconnect downpipes prior to cleaning.

You must not use high pressure washes on membrane roofs as this has the potential to drive moisture under flashing and may cause other damage.

ROOF MEMBRANE INSPECTION FOLLOW UP

Inspection date	Membrane Condition	Roof cleaned	Gutters clear	Seams (Visually Inspected)	Penetrations (Visually Inspected)	Signs of Leakage	Actions taken	Comments
<input type="text"/>	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="text"/>	<input type="text"/>
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Not needed/deferred	<input type="checkbox"/> Not needed	Seam Condition	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="text"/>		
				<input type="checkbox"/> OK	<input type="checkbox"/> OK			
				<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention			

Inspection date	Membrane Condition	Roof cleaned	Gutters clear	Seams (Visually Inspected)	Penetrations (Visually Inspected)	Signs of Leakage	Actions taken	Comments
<input type="text"/>	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="text"/>	<input type="text"/>
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Not needed/deferred	<input type="checkbox"/> Not needed	Seam Condition	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="text"/>		
				<input type="checkbox"/> OK	<input type="checkbox"/> OK			
				<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention			

Inspection date	Membrane Condition	Roof cleaned	Gutters clear	Seams (Visually Inspected)	Penetrations (Visually Inspected)	Signs of Leakage	Actions taken	Comments
<input type="text"/>	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="text"/>	<input type="text"/>
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Not needed/deferred	<input type="checkbox"/> Not needed/	Seam Condition	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="text"/>		
				<input type="checkbox"/> OK	<input type="checkbox"/> OK			
				<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention			

Inspection date	Membrane Condition	Roof cleaned	Gutters clear	Seams (Visually Inspected)	Penetrations (Visually Inspected)	Signs of Leakage	Actions taken	Comments
<input type="text"/>	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="text"/>	<input type="text"/>
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Not needed/deferred	<input type="checkbox"/> Not needed/deferred	Seam Condition	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="text"/>		
				<input type="checkbox"/> OK	<input type="checkbox"/> OK			
				<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention			

Inspection date	Membrane Condition	Roof cleaned	Gutters clear	Seams (Visually Inspected)	Penetrations (Visually Inspected)	Signs of Leakage	Actions taken	Comments
<input type="text"/>	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="text"/>	<input type="text"/>
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Not needed/deferred	<input type="checkbox"/> Not needed/deferred	Seam Condition	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="text"/>		
				<input type="checkbox"/> OK	<input type="checkbox"/> OK			
				<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention			

ROOF MEMBRANE INSPECTION FORM

Membrane Product _____
 Warranty Certificate _____
 Warranty Period _____
 Owner _____
 Site address _____
 Roof type _____
 Roof area _____

5 Te Kea Place, Albany
 Auckland. PO Box 101-903
 North Shore City 0745
 P: 09-448-1185
 E: info@allco.co.nz
 www.allco.co.nz



Applicator _____
 Installation Commencement Date _____
 Installation Completion Date _____

Inspection date	Membrane Condition	Roof cleaned*	Gutters clear	Seams (Visually Inspected)	Penetrations (Visually Inspected)	Signs of Leakage	Actions taken	Comments
[]	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	[]	[]
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention	Seam Condition <input type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Needs Attention	Penetration Condition <input type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Needs Attention	Issues Identified []		
[]	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	[]	[]
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention	Seam Condition <input type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Needs Attention	Penetration Condition <input type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Needs Attention	Issues Identified []		
[]	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	[]	[]
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention	Seam Condition <input type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Needs Attention	Penetration Condition <input type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Needs Attention	Issues Identified []		
[]	<input type="checkbox"/> Good	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	[]	[]
	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention	Seam Condition <input type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Needs Attention	Penetration Condition <input type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Needs Attention	Issues Identified []		