



ALLCO MEMBRANE ROOFING SOLUTION

CARE AND MAINTENANCE

HYDROTECH MEMBRANE

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 Hydrotech membrane on your building that is designed, manufactured, and installed to provide years of protection to your building.

Your Hydrotech membrane roofing system is manufactured using premium quality materials and installed by trained and approved applicators. Upon completion your Allco Approved Applicator will issue you, the Owner or 'End User' of the building, with a Workmanship Warranty. Once this has been provided by the installer Allco Waterproofing solutions will issue you a **20-year Product or 20-year System Warranty**, depending on the product and extent of waterproofing undertaken.

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

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

THE RIGHT WAY TO MAINTAIN YOUR ROOF:

DO'S

- Undertake or arrange inspections at least once a year. It is best to inspect your roof/ deck 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.
- Complete specific inspections after any repair work or other work carried out on your roof.
- Act immediately to contact your Allco Approved Applicator if any damage is noted or maintenance is 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 personal 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/ ALLCO APPROVED APPLICATOR

TRAFFICABLE SOLUTIONS

Ballasted membrane

Because the layer of ballast makes inspecting the membrane impractical, you will need specialist advice from the supplier and installer of Electronic Field Vector Mapping (EFVM) on your roof. We would expect the EFVM supplier to carry out an annual integrity test on the membrane. Carry out regular checks on the ballast to make sure it completely covers the membrane and is spread across the roof surface according to the ballast design plan. Remove (re-level) any ballast that has built up around stormwater outlets.

Check all the drainage outlets and protection devices (such as leaf grids) and remove all wind-blown and inorganic debris. Inspect all the accessible flashings to check they are weathertight and protecting the membrane.

Membrane covered by a pedestal system

If the membrane is covered by a pedestal system that supports decking or pavers, carefully remove each section and check for any damage to the membrane such as holes, tears and wearing. This should be done regularly - at least twice a year.

Check all the drainage outlets and protection devices (such as leaf grids) and remove all wind-blown and inorganic debris. Inspect all the accessible flashings to check they are weathertight and protecting the membrane. If any equipment is attached to the roof (i.e. aerials or antennae) check for any damage to the membrane's surface. If workers need to be on the roof to service equipment, they should take care to avoid placing sharp tools and objects on the membrane's surface.

Membrane covered by plants and soil (green or garden roof)

Because the layer of soil and plants make inspecting the membrane impractical, you will need specialist advice from the supplier and installer of EFVM on your roof. We would expect the EFVM supplier to carry out an annual integrity test on the membrane. Inspect all the accessible flashings to check they are weathertight and protecting the membrane. Check all the drainage outlets and protection devices (such as leaf grids) and remove all wind-blown and inorganic debris.

REPAIRS AND MAINTENANCE

All repairs and maintenance are to be carried out by an Allco Approved Applicator and locations noted on annual inspection document.

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 either working at height or, 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 twice-yearly roof inspections.

CLEANING YOUR ALLCO HYDROTECH MEMBRANE

- For roofing surfaces with no fall (completely flat roof)
- Frequency: Once a year

- Remove pavers around drain outlets, overflows and vents and inspect for loose debris, blockages, and general condition
- Remove enough pavers in several random areas around the roof to inspect for loose debris, ponding, mosquito larva, moss, and mould growth
 - If ponding has caused debris, dirt, moss or mould build-up, a localised wash may be required.
 - If all chosen areas display a build-up of debris, dirt, moss, or mould, consult your Allco Approved Applicator to discuss cleaning solutions.

- For roofing surfaces with some degree of fall (0.5° or more)

- Frequency: every 5 years

- Remove pavers around drain outlets, overflows and vents and inspect for loose debris, blockages, and general condition
- If all chosen areas display a build-up of debris, dirt, moss, or mould, consult your Allco Approved Applicator to discuss cleaning solutions.

In all cases, 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.

CLEANING YOUR ALLCO CASALI MEMBRANE

If your Hydrotech membrane has a Casali capsheet, you should complete your annual inspection by washing your roof thoroughly.

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.

Apply a neutral detergent and water. Rinse off with a garden hose. If your property is surrounded by trees etc and the roof is subjected to high amounts of organic material (leaves, pollens, and branches) then it may require inspection and cleaning on a more regular basis.

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			

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<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			

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	<input type="checkbox"/> OK	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
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				<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	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good			
				<input type="checkbox"/> OK	<input type="checkbox"/> OK			
				<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention			
[]	<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	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good			
				<input type="checkbox"/> OK	<input type="checkbox"/> OK			
				<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention			
[]	<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	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good			
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	<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	Penetration Condition	Issues Identified		
				<input type="checkbox"/> Good	<input type="checkbox"/> Good			
				<input type="checkbox"/> OK	<input type="checkbox"/> OK			
				<input type="checkbox"/> Needs Attention	<input type="checkbox"/> Needs Attention			