Safe2Torch Check List
(Prior to base sheet Installation)

It is recommended that anyone preparing a specification or applying a membrane should complete this check sheet and if any boxes are ticked avoid the use of a direct torch-on application in these areas.

Project Name: _____

Form Completed by:_____

Company: _____

Area ready: _____

Applicator _____

Decks and Insulation

Timber / Other combustible materials. ☐

Metal deck (refurbishment) where old materials may accumulate in the troughs. ☐

Insulation – unless specifically designed and tested for use with torch-on membranes. ☐

Details

Expansion joints with voids and/or combustible fillers. ☐

Bitumen or timber fillets. ☐

Detail under all abutments to roof tiles, slates and roofing iron. ☐

All timber substrates. ☐

Change in level details with fixed timber or plastic facias and/or all soffits, gutters or restricted spaces. ☐

Windowsills and frames, door sills, louvered vents, air ducts, intakes and outtakes. ☐

Junctions to existing waterproofing with flammable insulation/deck materials. ☐

Vulnerable plastic curbs, domes, pipes and the like. ☐

Working when in close proximity to potentially flammable coatings and shrinkwrap. ☐

Cladding and roofing underlays. ☐

Working in close proximity to stored chemicals, flammable liquids and explosives ☐

Existing weathering components with concealed flammable materials. These include:

Timber, DPC or sarking membranes beneath fixed metal capping systems. ☐

Existing kitchen extraction plant coated in oils or fats. ☐

Flammable wrapping to trunking/ducting/bitumen sheet rolls and roll inserts. ☐

Timber cladding. ☐

Existing metal or plastic copings/capping's. ☐

Notes

Signed: Date:

3PT, 3PTM, 3PG and 3PC Concrete Substrate Readiness Checklist

Project Name: _____

Form Completed by:_____

Company: _____

Area ready: _____

Applicator _____

Concrete cured with curing membranes removed. Concrete substrate contains less than 5% moisture content. ☐

Cavities and cracks filled with repair mortar, flushed off and cured. ☐

Nuraswell installed to construction joints as per specification - located 50mm from rebar. ☐

Concrete surface firm with any soft concrete or laitance removed. ☐

All protrusions removed. Surface free from foreign matter ☐

Mortar or bitumen fillets to all upstands and smooth 5mm radius to all external edges ☐

If terminating into a chase, pre-form the chase and ensure it's straight and 20mm deep. ☐

Substrate clean, firm and suitable condition for laying the Nuralite system. ☐

Notes

Signed: Date:

3PT, 3PTM, 3PG and 3PC Installed Product Checklist on Concrete Substrate

Project Name: _____

Form Completed by:_____

Company: _____

Area ready: _____

Applicator _____

Concrete Substrate checklist completed before work commenced. ☐

Any movement joints installed to approved specification/detail. ☐

Mortar/concrete fillets fitted to all internal junctions and corners chamfered at a 45°. ☐

All corners and upstands incorporate reinforcing or under flashing ☐

Under-slab membrane extends beyond footing and protected until vertical membrane installed. ☐

Side laps 100mm and end laps 150mm fully torched and seamed. Bleed visible on all joints. ☐

All penetrations installed to specification including under/over flashings. ☐

Junction of the floor and wall membranes installed to specification fully bonded and watertight. ☐

All non-standard details installed as per pre-approved specification (attach approved drawings). ☐

Any mechanical damage to membrane repaired to specification. ☐

Membrane termination completed to approved detail. ☐

Suitable drainage system installed below footing as per specification. ☐

Membrane protection boards installed correctly. ☐

Membrane fully adhered to substrate with no bridging, bubbling, or delaminating. ☐

Overall installation free of wrinkles, bubbles, creases and splits. ☐

Notes

Signed: Date:

3PT, 3PTM, 3PG and 3PC Checklist for Project Signoff

Project Name: _____

Form Completed by:_____

Company: _____

Area: _____

Applicator: _____

Products Used: _____

Project Review	Comply Y/N/Na	Comments
Under flashings installed to all corners and upstands		
Drains & overflows installed to specification and watertight		
Nuraflux adhesive used in correct quantities. Membrane fully adhered to substrate with no evidence of bubbles or lifting.		
In two-layer system, Cap sheet and NURAPLY 3PT fully bonded together, no areas of delamination.		
Cap sheet side laps 80mm and end laps 100mm fully welded and tidily seamed off.		
No sign of overheating/excessive bitumen bleed from laps (over 2-3mm).		
Cap sheet and base sheet laps offset satisfactorily. No three-layer lap build-ups		
Overall installation free of wrinkles, creases and splits		
All penetration details completed to specification including under/over flashing		
All non standard details installed as per pre-approved specifications (attach approved drawing)		
Any damage to cap sheet repaired to specification.		

Remedial action required:

Signed: _____

Date: _____

Nuraply 3PC Maintenance Programme

To get the longest life from a car park it must be regularly inspected & maintained.

When first installed there should be inspections each spring and autumn, to enable the effects of annual extremes of weather to be checked. Following that an annual program of roof inspection and cleaning should be established by the building owner as part of general building maintenance.

Roofs exposed to high levels of pollution or in close proximity to trees might require more frequent inspection.

Any inspection of a roof should include the interior of the building for signs of water penetration or condensation and for alterations, which may have affected the roof. Externally, abutting construction, which can affect the performance of the roof, should also be inspected.

Annual Inspections & Cleaning

Inspections
The inspection should concentrate on “high risk” areas such as drains and outlets equipment, as well as a general inspection of the entire car park. Inspections should also include the examination of the car park deck if possible from the underside for evidence of leaks, deteriorated decking, structural cracks or movement and other deficiencies. Parapets and edging should also be examined for evidence of cracking, deterioration and moisture infiltration.

Damage
If damage is found on the roof surface it should be repaired immediately by an approved Nuralite Applicator. They will use NURAPLY 3PC - 3PM component products and special techniques to achieve neat, unobtrusive reinstatement of the NURAPLY 3PC - 3PM.

Cleaning
Location, traffic level, effective drainage, and service use will dictate cleaning requirements. Sweeping clean followed by hose and broom washing of the NURAPLY 3PC car park is recommended, not waterblasting. If mould does appear it should be removed with a long-term mould killer such as Nuracide.

You may do this yourself or talk to your applicator if you would like them to include you in an annual program of inspections & cleaning.

Five Year Authorised Service Checks

To maintain your warranty, every five years you must have an Approved Applicator visit to inspect the roof and ensure it remains in good condition.

The Applicator will thoroughly check the Car park for signs of damage, water ingress or potential problems.

	Applicator	Date	Signed
Inspection 1			
Inspection 2			
Inspection 3			
Inspection 4			

Wabo Maintenance Programme

To get the longest life from a WABO joint it must be regularly inspected & maintained.

When first installed there should be inspections each spring and autumn, to enable the effects of annual extremes of weather to be checked by the approved WABO installer.

WABO joints are exposed to different levels of movement to the rest of the structure which may require more frequent inspection.

Any inspection of a WABO joint should include the interior of the building for signs of water penetration or condensation and for alterations, which may have affected the WABO joint. Externally, abutting construction, which can affect the performance of the WABO joint, should also be inspected.

Annual Inspections & Cleaning

Inspections
The inspection should concentrate on “high risk” areas, such as cover plates and fixings also a general inspection around the WABO joint. Inspections should also include the examination of the underside for evidence of leaks, if possible. Deteriorated structural cracks or movement and other defects in the surrounding area of the WABO joint should also be inspected to ensure the WABO joint will continue to work as intended.

Damage
If damage is found on the WABO joint it should be repaired immediately by an approved WABO Applicator. They will use WABO component products and special techniques to achieve neat, un-obtrusive reinstatement of the WABO joint

Cleaning
Location, traffic level, effective drainage, and service use will dictate cleaning requirements. Sweeping clean followed by hose and broom washing of the WABO joint is recommended, not water blasting.

Annual Authorized Service Checks

To maintain your warranty, every year you must have the Approved WABO

installer who carried out the installation to inspect the WABO and ensure it remains in good condition.

The installer will thoroughly check the WABO joint for signs of damage, water ingress or potential problems. As well, they will also check on the condition of the WABO joint.
These checks are inexpensive and are the best way to ensure the WABO joints continues to work as intended and stays in top condition.

Year one checks

For the first year after installation two visual checks should be carried out by the installer.
The first of these checks should be 3 months after original installation the second should be carried our 6 months after the first visual inspection.

First year's visual inspection

	Applicator	Date	Signed
Check all cover plates are inline			
Check all cover plates fixings			
Check for any signs of damage to cover plates.			
Remove cover plate over drain out let and ensure the drain is free of any debris			

	Applicator	Date	Signed
Inspection 1			
Inspection 2			
Inspection 3			
Inspection 4			
Inspection 5			
Inspection 6			
Inspection 7			
Inspection 8			
Inspection 9			
Inspection 10			
Inspection 11			
Inspection 12			
Inspection 13			
Inspection 15			
Inspection 16			
Inspection 17			

Inspection 18			
Inspection 19			
Inspection 20			

Inspection Sequence

All safety equipment and fences to be supplied and installed by installer to perimeter of the seismic joint.										
Remove all cover plates to expose seismic joint.										
Ensure the moisture barrier is free of any debris										
Provide a continues flow of water from high point to low point										
Check all centering bars for any damage replace if damaged.										
Check the full circumference of the WABO create to ensure no damage										
Check all cover plates for any damage										
Replace all cover plates										
Check all cover plate`s for alignment										
Re fix all cover plate's fixings										