

# QUALITY CONTROL CHECKSHEET

for Roofing & Decking Membrane Installation

## duroTUF TPO



<b>Site Name</b>				
<b>Site Address</b>				
<b>Applicator</b>				
<b>Main Contractor</b>				
Date	QC process	YES	NO	Comments
	Squared edged 17mm thick Construction Plywood grade H3.2CCA treated kiln dried substrate installed in a brick bond pattern, all sheets close butted.			
	For decks/balconies, use Square Edged 19mm thick Construction Plywood grade H3.2CCA treated kiln dried.			
	Plywood substrate s/s screw fixed to specification, no loose/drummy sheets or delamination. (refer to substrate readiness checksheet).			
	Plywood - Substrate clean, dry and free from foreign matter and sharp edges – Plywood moisture below 20%. Any holes or indentations to be filled and flushed off smooth.			
	Concrete substrate cracks, indentations, holes, voids to be flushed smooth with Gripset DM mortar.			
	Substrate is installed to specified falls to outlets. (refer to site plans and/or duroTUF TPO Product Manual).			
	Substrate primed to specific coverage rates. Ensure correct primer is used.			
	Movement joints identified and installed to approved specification detail (attach detail drawings).			
	Plywood internal junctions tight butted 90 degree corner, no gaps. No internal fillets required.			
	Plywood sheet joints do not need to be taped. Check the site specification (the architect may have specified they be used, in which case they must be installed). For Concrete: Grid installed tapes if concrete surface is to be vented.			
	Pipe penetrations to be detailed with duroTUF pipe boots.			
	Allproof SUREFLOW or AquaKnight ring clamp droppers and overflows recessed just under flush fitted through the substrate.			
	Allproof or AquaKnight overflow sumps recessed just under flush fitted through the substrate.			
	Type 316 Stainless Steel or Aluminium 200x75mm scupper outlets pre-lined with duroTUF TPO, installed to falls, recessed just under flush with substrate surface.			
	Type 316 Stainless Steel or Aluminium 100x65mm scupper overflows pre-lined installed just under flush with substrate surface.			
	Pre-line scupper outlets and overflows with duroTUF TPO membrane.			
	All welded laps minimum 40mm. Lap probe tested and watertight. Check all laps with the lap probe.			
	All laps are to be wiped clean with duroTUF TPO Membrane Cleaner before heat welding.			

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	duroTUF TPO sheets laid across the roof slope, so water runs over the laps rather than down lap edge.			
	Seal all lap edges with duroTUF TPO Cut Edge Sealer or heat seal all cut edges off with a penny roller.			
	Membrane termination completed to site specific detail, otherwise refer to duroTUF TPO Product Manual.			
	duroTUF roof vents installed to specification (min. two vents/roof area, with one every 70m <sup>2</sup> .)			
	Use epiTAPE lap tape to terminate on metal surfaces.			
	Ensure the duroTUF TPO adhesive coverage rates are calculated and the adhesive is applied to specification.			
	Any mechanical damage to duroTUF TPO repaired to specification.			
	All penetration details completed to specification, including plinths.			
	All non-standard details installed as per pre-approved specifications (attach detail drawings).			
	Overall installation free of wrinkles, creases and splits with no air or foreign matter entrapped.			
	On full completion of the installation, check the total installation for defects or missed areas of the installation.			

**Note: Where an element identified in the above checklist is not applicable, please record N/A in the comply column. Refer to the Product Manual for specification information. If you have any queries regarding the QC Process, please contact our office for assistance.**

Issues to note or raised during installation:			
Remedial action required:			
Note of damaged areas repaired:			
Attach any photographs taken during application.			
Installing Applicator - Name			
Signature		Date	