GE Enduris Silicone Re-Coating Quality Control

Project Name: _____ Sign-off Below By: _____

Area Covered by QC Sheet: _____ Date: _____

GE Enduris Silicone Re-Coating Item		Sign Off (Initials)
Clean Roof	Waterblast, solvent, or chemical wash. Allow to dry.	
Check Substrate	Check substrate is suitable for GE Enduris Silicone. If unsure, please contact Sealco to confirm.	
	Substrate has no slumps and has correct falls.	
	Substrate fixings are not protruding up into membrane.	
	Cut and / or sand off any sharp areas.	
	Substrate framing is sound and there is no bounce in framing or substrate.	
Check Existing Membrane	Membrane is fully adhered down. No lumps, bumps, bubbles, or floating areas are visible.	
	All membrane laps are sound.	
	Address any splits or cuts as per Sealco specifications.	
	Check membrane is still sealed around penetrations and outlets.	
Substrate Preparation	All surfaces should be clean and dry with no contaminates that might interfere with adhesion of the GE Enduris Silicone.	
	For single ply membranes (PVC, TPO, EPDM) the surface may be sanded with 80-grit paper to improve grip	
	EPDM: The use of a primer is not normally required for better adhesion on EPDM and Butyl.	
	TPO: The use of a primer is not normally required for better adhesion on TPO.	
	Torchon: The use of GE Enduris Bleed-Blocker is mandatory to seal off the bitumen and eliminate bleed through the coating.	
	Metal: Prepare all metal in a manner to ensure maximum adhesion. Remove all rust, scale and residue by xylene or acetone wipe. Remove all films, coatings, and oils with an appropriate solvent.	

	Concrete: New concrete and masonry substrates shall be cured 30 days prior to application of the sealant or coating. Remove any contamination by mechanical abrasion, sandblasting or water blasting.	
	Wood: Wood needs to be clean, sound, and dry prior to sealant application. Treated woods should be weathered for 6 months. Coatings and paints need to be removed to ensure a proper bond.	
Prime	Mix GE Enduris Bleed-Blocker and apply where applicable.	
GE Enduris Silicone Application	Brush, roll or spray stripe coats of GE Enduris Silicone on membrane laps and detail areas. Install fibreglass reinforcing into wet stripe coats. Allow to dry.	
	Apply two coats of GE Enduris Silicone by brush, roller or spray ensuring even coverage at a rate of 0.5 L / m² per coat.	
Re-Coating GE Enduris Silicone	Clean all areas with a water blaster or a soapy water solution. Allow to dry.	
	Address any detail areas with GE Enduris Silicone and fibreglass tape where necessary.	
	Apply a minimum of one coat of GE Enduris Silicone at a rate of 0.5 L / m² per coat.	
Job Completion	Job sheets completed recording area installed, date of installation and batch numbers used etc.	

Note: Where an element identified in the above is not applicable, please record N/A in the sign off column

Primer coverage calculation:

	M²	@	0.2	ltr/M²	=		Litres required
Installation Area			Coverage				Litres required Part A
							Litres required Part B

	Litres used Part A
	Litres used Part B

GE Enduris Silicone coverage calculation (per coat):

	M²	@	0.5	ltr/M²	=		Litres required
Installation Area			Coverage				Pails required per coat

	Pails used

Curing GE Enduris Silicone typically skins over within 2-4 hours and cures harder in 24-48 hours, depending upon temperature, humidity, and thickness. Lower temperatures and humidity prolong cure time. Higher temperatures accelerate cure time.
Issues to note or raised during coating:
Remedial action required:
Note of damaged areas repaired:
Attach any photographs taken during application.