StarFLEX Mono100 Re-Coating Quality Control

Project Name: _____ Sign-off Below By: _____

Area Covered by QC Sheet: _____ Date: _____

StarFLEX Mono100 Re-Coating Item		Sign Off (Initials)
Clean Roof	Waterblast, solvent, or chemical wash. Allow to dry.	
Check Substrate	Check substrate is suitable for StarFLEX Mono100. 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 StarFLEX Mono100.	
	For single ply membranes (PVC, TPO, EPDM) the surface may be sanded with 80-grit paper to improve grip	
	EPDM: The use of StarFLEX primer may be recommended for better adhesion	
	TPO: The use of a StarFLEX primer is recommended for better adhesion.	
	Torchon: The use of StarFLEX primer 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 14 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 StarFLEX Primer and apply where applicable.	
StarFLEX Mono100 Application	Brush, roll or spray stripe coats of StarFLEX Mono100 on membrane laps and detail areas. Install fibreglass reinforcing into wet stripe coats. Allow to dry.	
	Apply two coats of StarFLEX Mono100 by brush, roller or spray ensuring even coverage at a rate of 0.5 l / m² per coat.	
Re-Coating StarFLEX Mono100	Clean all areas with a water blaster or a soapy water solution. Allow to dry.	
	Address any detail areas with StarFLEX Mono100 and fibreglass tape where necessary.	
	Apply a minimum of one coat of StarFLEX Mono100 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 used Part A
							Litres required Part B	Litres used Part B

StarFLEX Mono100 coverage calculation (per coat):

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

Curing

StarFLEX Mono100, when mixed with water, cures to a firm dense skin in approximately 2 hours at room temperature and 50% RH. Faster cure may occur in high humidity combined with higher temperatures. Likewise, slow cure may occur in lower humidity and lower temperatures. StarFLEX Mono100 coating, when used without water, is a slower cure from one to two days.

StarFLEX Mono100 typically skins over within 15-45 minutes and cures in 2-6 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.