

QUALITY CONTROL CHECKSHEET

for Tanking Installation

bituFLAME

- Single layer System (damp conditions, low risk)

- 2 layer System (low hydrostatic, medium risk)

Site Name				
Site Address				
Applicator				
Main Contractor				
Date	QC process	YES	NO	Comments
	Substrate clean, dry and free from foreign matter.			
	Concrete, masonry blocks and tilt slab panels, substrate must be flush pointed to termination point.			
	Moisture content to be below 75% RH.			
	50mm mortar fillets neatly formed at all internal angles with all corners chamfered at a 45° radius.			
	Where tilt slabs are installed ensure the void between the foundation and tilt slab is grouted.			
	Primers applied at recommended rates (refer bituBOND Product manual): bituPRIME for concrete surfaces, bituBOND for Polystyrene blocks.			
	Underflashings installed to all internal and external corners and across flush foundation footing to wall construction joints.			
	Movement joints identified, installed to WPS approved site specification.			
	Install bituFLAME base sheet.			
	Base Sheet: For polystyrene block walls , 2.5mm self-stick base sheet with peel off backing film – apply to bituBOND primer. For block tilt insitu , 3mm base sheet, fully torch apply to primed substrate. Base sheets must all have side laps 200mm and end laps 150mm.			
	Cap Sheet: 3mm Sand cap sheet – fully torch applied to all base sheets. 4mm Anti-Root Cap Sheet – fully torch applied to all base sheets. Always ensure bitumen to bitumen lap joints, remove mineral chip if required. All cap sheet laps are 100mm for side laps and 150mm for end laps.			
	Ensure all torch on bituFLAME rolls are consistently fully torch bonded.			
	bituFLAME side laps 100mm and end laps 150mm, fully bonded and over-rolled to ensure a good seal.			
	All pipe penetration details to have WPS collars installed (refer to detail drawing bFT23).			
	Where polystyrene blocks are used, flush point these, prime with Gripset 11Y slurry primer, then flush point with Gripset DM mortar system.			

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Date	QC Process	YES	NO	Comments
	bituFLAME termination detail completed to site specification. Generally use bituBOND bitumen sealant and a 30mm wide non-corrosive termination bar mechanically fixed.			
	Where it is a full tanking envelope, ensure the underfloor bituFLAME exposed is protected while the building walls are constructed.			
	Where it is a single layer tanking system with DPM underfloor, bring the DPM up the outside face of the bituFLAME membrane.			
	Where the underfloor tanking is polythene, it laps up the outside of the bituFLAME membrane and is taped to the bituFLAME membrane with 80mm wide bituBOND self-stick tape.			
	All vertical edges are terminated with a compression bar and sealant.			
	Any mechanical damage to membrane must be over patched with bituFLAME, heat applied to all edges, sealed with bituBOND bitumen sealant.			
	Protection boards, 3mm corflute boards overlapped 50mm and taped closed or drain V drainage and protection sheets.			
	Drainage coil system installed 200mm below the floor wall junction and 150mm out from the bituFLAME membrane.			
	The bituFLAME system has been installed as specified and as detailed on the plans and detail drawings. Overall installation free of wrinkles, creases and splits.			

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:

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Attach any photographs taken during application.			
Installing Applicator - Name			
Signature		Date	
Head Contractor - Name			
Signature		Date	

Contact Details:

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