

QUALITY CONTROL CHECKSHEET

for Bentonite Tanking Installation

rawMAT



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.			
	External TR35 50mm fillets neatly installed at all internal angles tightly end butted and thumbed together to form a continuous waterstop line.			
	Where tilt slabs are installed ensure the void between the foundation and tilt slab is grouted through the full slab width.			
	All rawMAT laps are rawPASTE sealed fleece-to-fleece, bentonite-to-bentonite.			
	Movement joints identified, installed to WPS approved site specification.			
	rawMAT side laps to be staggered in a brick bond layout to prevent build up of laps. All side laps 100mm, and end laps 150mm close with rawPASTE.			
	All pipe penetration details to have WPS collars installed (refer to detail drawing b-RAW21).			
	If the under slab membrane extends 150mm beyond footing, install a rawSEAL waterstop at the internal corner.			
	If the under slab is flush with the footing, install a 150mm wide underflashing centralised across the construction joint installed with rawPASTE.			
	rawMAT laps to be staggered in a brick bond layout to prevent build-up of laps.			
	rawMAT floors installed with the fleece back against the surface to be waterproofed. The black scrim finish exposed for floors.			
	rawMAT walls install the black scrim to the wall substrate with the white fleece exposed to receive the back fill.			
	At all penetrations, install a Gripset Collar with Gripset 51 before installing the rawMAT Type P membrane (see detail on web site).			
	Floor services, penetrations and pipes positioned to give full cover of concrete confinement.			
	rawMAT Type P is mechanically fixed to substrate joint at correct centres, laps are all pasted closed.			
	All vertical edges are terminated with a compression bar and sealant.			
	rawMAT is terminated 200mm below ground, return the rawMAT Type P termination edge 30mm under and inside the installed rawMAT membrane (fleece side exposed, bentonite facing bentonite).			

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	Any mechanical damage to rawMAT membrane must be overpatched with rawMAT.			
	The back filling contractor briefed on areas of concern regarding confinement. Full compaction is required.			
	Vertical back fill to walls to be compacted in 600mm segments to 95° Proctor. Full compaction to all edges and the vertical face of the rawMAT is required.			
	Back fill with a mix of 13mm Stone and 30% grit fines, compacted sand and dry compactible soil.			
	Suitable drainage system installed below footing and correctly located away from membrane. Minimum 200mm below floor and 150mm away from wall.			
	Protection boards, 3mm corflute boards overlapped 50mm and taped closed or drain V drainage and protection sheets.			
	Overall installation free from wrinkles and creases, and bridging across voids.			
	Drainage coil system installed 200mm below the floor wall junction and 150mm out from the rawMAT membrane.			
	The rawMAT system has been installed as specified and as detailed on the plans and detail drawings. Overall installation free of wrinkles, creases and splits.			
<p>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.</p>				
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	
Head Contractor - Name				
Signature			Date	

Contact Details:

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