



QM In-Process Assessment for Marble & Granite Finishes

Project	
Main Contractor	
Site Coordinator	
Sub-Contractor	
BCA Assessor	
Date	

S/nos	Process	Observations
1.0	Stone Properties	
1.1	▪ Type	
1.2	▪ Finishes (e.g. Polished, Honed, etc)	
1.3	▪ Min 20mm thick for floor	
1.4	▪ Min 12mm thick for wall	
2.0	Bedding Type	
2.1	▪ Mortar	
2.2	▪ Adhesive	
3.0	Grout Joints	
3.1	▪ Not less than 1.5mm for smooth finishes	
3.2	▪ Not less than 6mm for rough textures & riven finishes	
3.3	▪ No butt joint allowed	
4.0	Waterproofing	
4.1	▪ Rising dampness	
4.2	▪ Direct contact with water	
5.0	Anchorage system	
5.1	▪ If heavier than 40kg/m ² or greater than 1m ² for wall	
6.0	Confirmation of Stone Selection	
6.1	▪ Mock-up at site	
6.2	▪ Pre-laid at factory	
6.3	▪ Dry layout at site	
7.0	Delivery, Handling & Storage of Stones	
7.1	▪ Packaging	



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7.2	▪ Check for damages within 48hrs	
7.3	▪ Condition of storage area	
8.0	Delivery, Handling & Storage of Bedding & Grouting Materials	
8.1	▪ In original containers	
8.2	▪ Seal & labels intact	
8.3	▪ Clean & dry storage area	
8.4	▪ Off ground & no contamination	
9.0	Surface Preparation	
9.1	▪ Check age of concrete substrate – min 28 days cured	
9.2	▪ Condition of substrate	
10.0	Preparation & Laying of Cement/Sand Screed	
10.1	▪ Wet concrete surface prior to laying screed – saturated-surface-dry condition	
10.2	▪ Apply slurry coat for floor	
10.3	▪ Apply splash coat for wall	
10.4	▪ type cement/sand screed (e.g. site mixed, prepacked, ect)	
10.5	▪ Lay cement/sand screed	
10.6	▪ Not more than 15mm per coat for wall, allow 24hrs between coats and not more than 30mm thk	
10.7	▪ Finished with wooden trowel	
10.8	▪ Check screed surface – level & no cavities	
10.9	▪ Moist cured screed for at least 7 days	
11.0	Stone Preparation	
11.1	For absorbent stones, apply water repellent impregnator on front and edges	
11.2	Clean back with damp cloth	
11.3	No sealer at back	
11.4	Check moisture of substrate for moisture-sensitive stones	
12.0	Preparation of Bedding Material	
12.1	Check bedding material mix	
12.2	Use of proper mixing tools	
13.0	Laying Tiles	
13.1	Availability of tile layout plan	



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13.2	Establishment of reference lines	
13.3	Laying bedding mix	
13.4	Laying tiles	
13.5	Use of plastic spacers or spacing rod to control joint width	
13.6	Check tiles surface and joints	
13.7	After tiles are firm, clean off excessive adhesive	
13.8	Protect freshly laid tiles against stepping	
14.0	Grouting	
14.1	Check grout mix	
14.2	Completely fill joints	
14.3	Removing surplus grout	
15.0	Protection	
15.1	No traffic for 4 days after completion	
15.2	After 4 days, only light foot traffic for a further 10 days	
15.3	Protection method	

Site Observations