ETIHAD STADIUM NORTH STAND EXPANSION

FACADE MATERIAL MATRIX

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North Stand											
Item		Spec Code		Indicative Location	Material	Type of Finish	Gloss Level	RAL	RAL Colour	RGB	Additional Material Details
01	Curtain wall system	H11	EWS-111	NS L04 to L05 (Sky Bar North Elevation)	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7037		151, 147, 146	
02	Curtain wall vision glazing	H11	EWS-111	NS L04 to L05 (Sky Bar North Elevation)	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	
03	Curtain wall opaque glazing	H11	EWS-111	NS L04 to L05 (Sky Bar North Elevation)	Double glazed unit with thermally toughened 8mm panes			7037		151, 147, 146	
04	Curtain wall system	H11	EWS-114	NS L00 to L02	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7037		151, 147, 146	
05	Curtain wall vision glazing	H11	EWS-114	NS L00 to L02	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	
06	Curtain wall metal infill	H11	EWS-114	NS L00 to L02	3mm aluminium sheet	PPC	Matte	7037		151, 147, 146	
07	Louvre Panels	H11	EWS-114	NS L00	Aluminium PPC louvres	PPC	Matte (frame)	7037		151, 147, 146	
08	Curtain Wall Glass doors	H11	DRS-314 (in EWS-114)	NS L00	Kawneer AA190TB heavy duty entrance doors	PPC frame Glass infill	Matte	7037		151, 147, 146	
09	Curtain Wall Metal panel doors	H11	DRS-265 (in EWS-114)	NS L00	Kawneer AA190TB heavy duty entrance doors	PPC frame and infill	Matte	7037		151, 147, 146	

10	Curtain wall system	H11	EWS-116	NS L04 to L05 (Sky Bar South Elevation)	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7037		151, 147, 146	
11	Curtain wall vision glazing	H11	EWS-116	NS L04 to L05 (Sky Bar South Elevation)	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	
12	Curtain wall opaque glazing	H11	EWS-116	NS L04 to L05 (Sky Bar North Elevation)	Double glazed unit with thermally toughened 8mm panes			7037		151, 147, 146	
13	Curtain wall Metal Infill	H11	EWS-116	NS L04 to L05 (Sky Bar South Elevation)	3mm aluminium sheet	PPC	Matte	7037		151, 147, 146	
14	Louvre Panels	H11	EWS-116	NS L04 to L05 (Sky Bar South Elevation)	Aluminium PPC louvres	PPC	Matte	7037		151, 147, 146	
15	Curtain Wall Glass Doors	H11	DRS-316 (in EWS-116)	NS L04 to L05 (Sky Bar South Elevation)	Kawneer AA190TB heavy duty entrance doors	PPC frame Glass infill	Matte (frame)	7037		151, 147, 146	
16	Composite Cladding	H43	EWS-452	NS Cores (and façade in between)	Arcelor Mittal Pflaum FO Wall Panels.	"Dusty"		7037		151, 147, 146	
17	Composite Cladding	H43	EWS-452	NS Gables	Arcelor Mittal Pflaum FO Wall Panels.	"Dolfin"		N/A		231, 231, 225	
18	Louvre Panels	H43	EWS-452	NS Cores (and façade in between)	Aluminium PPC louvres	PPC	Matte	7037		151, 147, 146	To match composite cladding panels
19	Metal Panel Door	H43	DRS-251 (in EWS-452)	NS Cores	External metal door	PPC	Matte	7037		151, 147, 146	To match composite cladding panels
20	Metal Panel Door	H43	DRS-251 (in EWS-452)	NS Gables	External metal sliding door	PPC		N/A		231, 231, 225	To match composite cladding panels
21	Polycarbonate Cladding	H43	EWS-453	L03 to L05 Stadium upper band	Brett Martain Marlon Clickfix 1040 glazing system			N/A	N/A	N/A	

22	Composite Cladding	H43	EWS-457	NS L04 to L05 (Sky Bar South Elevation)	Arcelor Mittal Pflaum FO Wall Panels.	"Dusty"		7037		151, 147, 146	
23	Metal Panel Door	H43	DRS-251 (in EWS-457)	NS L04 to L05 (Sky Bar South Elevation)	External metal door	PPC	Matte	7037		151, 147, 146	To match composite cladding panels
24	Mesh Cladding	H31	EWS-711	NS L03	Galvanised steel grating			N/A	N/A	N/A	
25	Aluminium Soffit Panels	H72	ESS-111	Underside of City Square Stage	2mm interlocking aluminium sheet	PPC	Matte	7037		151, 147, 146	
26	Blockwork	F10 H20	BLK-307, EWS-801	NS L00 Underneath City Square Stage	Exterior grade procelain tiling applied to exterior blockwork wall to match existing stadium					200, 205, 201	
27	Metal Panel Door	L25	DRS-255 (in BLK-307, EWS-801)	NS L00 Underneath City Square Stage	Metal hinged security door	PPC	Matte	7037		151, 147, 146	
28	Bifold Glass Doors	H11	DRS-351 (in BLK-307, EWS-801)	NS L00 Underneath City Square Stage	External bi-folding glazed door system	PPC frame , fritted glass infill	Matte (frame)	7037		151, 147, 146	

Hotel										
Item		Spec Code		Indicative Location	Material	Type of Finish	Gloss Level	RAL	RAL Colour	RGB	Additional Material Details
01	Curtain wall system	H11	EWS-171	HT L02 to L08	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7016		56, 62, 66	Internal and external finish
02	Curtain wall vision glazing	H11	EWS-171	HT L02 to L08	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	
03	Curtain wall opaque glazing	H11	EWS-171	HT L02 to L08	Double glazed unit with thermally toughened 8mm panes			7016		56, 62, 66	

04	Curtain wall metal infill	H11	EWS-171	HT L02 to L08	3mm aluminium sheet	PPC	Matte	7037		151, 147, 146	
05	Curtain wall metal perforated panels	H11	EWS-171	HT L02 to L08	3mm aluminium sheet w/ 20mm (maximum dimension) honeycomb perforations	PPC	Matte	7037 (panel), 9005 (internal backing panel)		151, 147, 146 (panel), 10, 12, 16 (backing)	
06	Curtain wall aluminium fins	L13	EWS-171	HT L02 to L08	3mm aluminium sheet to each side of square hollow section steel frame	PPC	Gloss (sides), Matte (ends)	9003 (sides), 7016 (ends)		236, 236, 232 (sides), 56, 62, 66 (ends)	
07	Curtain wall system	H11	EWS-172	HT L07 to L08 President's Suite	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7016		56, 62, 66	Internal and external finish
08	Curtain wall vision glazing	H11	EWS-172	HT L07 to L08 President's Suite	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	
09	Curtain wall opaque glazing	H11	EWS-172	HT L07 to L08 President's Suite	Double glazed unit with thermally toughened 8mm panes			7016		56, 62, 66	
10	Curtain wall metal perforated panels	H11	EWS-172	HT L07 to L08 President's Suite	3mm aluminium sheet w/ 20mm (maximum dimension) honeycomb perforations	PPC	Matte	7037 (panel), 9005 (internal backing panel)		151, 147, 146 (panel), 10, 12, 16 (backing)	
11	Curtain Wall glass doors	H11	DRS-373 (in EWS-172)	HT L07 to L08 President's Suite	Kawneer AA190TB heavy duty entrance doors	PPC frame Glass infill	Matte (frame)	7016		56, 62, 66	
12	Curtain wall system	H11	EWS-173	HT L00 to L02	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7016		56, 62, 66	Internal and external finish
13	Curtain wall vision glazing	H11	EWS-173	HT L00 to L02	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	

14	Curtain wall opaque glazing	H11	EWS-173	HT L00 to L02	Double glazed unit with thermally toughened 8mm panes			7016		56, 62, 66	
15	Curtain wall metal infill	H11	EWS-173	HT L00 to L02	3mm aluminium sheet	PPC	Matte	7016		56, 62, 66	
16	Curtain wall metal perforated panels	H11	EWS-173	HT L00 to L02	3mm aluminium sheet w/ 20mm (maximum dimension) honeycomb perforations	PPC	Matte	7016 (panel), 9005 (internal backing panel)		52, 62, 66 (panel), 10, 12, 16 (backing)	
17	Curtain Wall fritted glass doors	H11	DRS-253 (in EWS-173)	HT L00 to L02	Kawneer AA190TB heavy duty entrance doors	PPC frame Fritted glass infill	Matte (frame)	7016		56, 62, 66	
18	Curtain Wall glass doors	H11	DRS-374 (in EWS-173)	HT L00 to L02	Kawneer AA190TB heavy duty entrance doors	PPC frame Glass infill	Matte (frame)	7016		56, 62, 66	
19	Brick-faced precast panels	H42	EWS-471	HT L00	Ibstock Commercial Red w/ dark grey raked joints						
20	Metal Panel Door	L25	DRS-256 (in EWS-471)	HT L00	External metal door		Matte	7016		56, 62, 66	
21	Metal Roller Shutter	L21	DRS-701 (in EWS-471)	HT L00	External metal roller shutter		Matte	7016		56, 62, 66	
22	Composite Cladding w/ LED screen	H43	EWS-472	HT L02 to L08	Arcelor Mittal Pflaum FO Wall Panels. Screen by specialist subcontractor			N/A	N/A	N/A	
23	Aluminium Rainscreen	H92	EWS-541	HT L02	3mm hook-on aluminium panels	PPC	Matte	7037		151, 147, 146	
24	Aluminium Rainscreen	H92	EWS-542	HT L07 to L09	3mm hook-on aluminium panels	PPC	Matte	7037		151, 147, 146	

25	Aluminium Soffit Panels	H72	EWS-111	Underside of linkbridge between NS and HT, and underside of north elevation cantilever at L02	2mm interlocking aluminium sheet	PPC	Matte	7037		151, 147, 146	
26	Hotel Entrance Canopy	L10	CAN-101	HT L00	2mm interlocking aluminium sheet	Steel frame Glass infill	Matte (frame)	7011		85, 93, 97	

Commercial Building											
Item		Spec Code		Indicative Location	Material	Type of Finish	Gloss Level	RAL	RAL Colour	RGB	Additional Material Details
01	Curtain wall system	H11	EWS-141	CM L02 to L07	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7016		56, 62, 66	Internal and external finish
02	Curtain wall vision glazing	H11	EWS-141	CM L02 to L07	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	
03	Curtain wall opaque glazing	H11	EWS-141	CM L02 to L07	Double glazed unit with thermally toughened 8mm panes	PPC		7016		56, 62, 66	
04	Curtain wall metal infill	H11	EWS-141	CM L02 to L07	3mm aluminium sheet	PPC	Matte	7037		151, 147, 146	
05	Curtain wall metal perforated panels	H11	EWS-141	CM L02 to L07	3mm aluminium sheet w/ 20mm (maximum dimension) honeycomb perforations	PPC	Matte	7037 (panel), 9005 (internal backing panel)		151, 147, 146 (panel), 10, 12, 16 (backing)	
06	Curtain wall aluminium fins	L13	EWS-141	CM L02 to L07	3mm aluminium sheet to each side of square hollow section steel frame	PPC	Gloss (sides), Matte (ends)	9003 (sides), 7016 (ends)		236, 236, 232 (sides), 56, 62, 66 (ends)	
07	Curtain wall system	H11	EWS-143	CM L02	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7016		56, 62, 66	Internal and external finish

08	Curtain wall vision glazing	H11	EWS-143	CM L02	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	
09	Curtain Wall glass doors	H11	DRS-341 (in EWS-143)	CM L02	Kawneer AA190TB heavy duty entrance doors	PPC frame Glass infill	Matte (frame)	7016		56, 62, 66	
10	Curtain wall system	H11	EWS-144	CM L00 to L01	Kawneer AA185 Curtain Walling System w/ 85 x 205mm mullions and transoms	PPC	Matte	7016		56, 62, 66	Internal and external finish
11	Curtain wall vision glazing	H11	EWS-144	CM L00 to L01	Double glazed unit with thermally toughened 8mm panes			N/A	N/A	N/A	
12	Curtain wall opaque glazing	H11	EWS-144	CM L00 to L01	Double glazed unit with thermally toughened 8mm panes	PPC		7016		56, 62, 66	
13	Curtain wall metal perforated panels	H11	EWS-144	CM L00 to L01	3mm aluminium sheet w/ 20mm (maximum dimension) honeycomb perforations	PPC	Matte	7016 (panel), 9005 (internal backing panel)		52, 62, 66 (panel), 10, 12, 16 (backing)	
14	Curtain Wall glass doors	H11	DRS-341 (in EWS-144)	CM L00	Kawneer AA190TB heavy duty entrance doors	PPC frame Glass infill	Matte (frame)	7016		56, 62, 66	
15	Curtain Wall fritted glass doors	H11	DRS-342 (in EWS-144)	CM L00	Kawneer AA190TB heavy duty entrance doors	PPC frame Fritted glass infill	Matte (frame)	7016		56, 62, 66	
16	Curtain Wall glass doors	H11	DRS-343 (in EWS-144)	CM L00	Kawneer AA190TB heavy duty entrance doors	PPC frame Glass infill	Matte (frame)	7016		56, 62, 66	
17	Brick-faced precast panels	H42	EWS-471	CM L00 to L01	Ibstock Commercial Red w/ dark grey raked joints						
18	Composite Cladding w/ LED screen	H43	EWS-472	CM L02 to L07	Arcelor Mittal Pflaum FO Wall Panels. Screen by specialist subcontractor			N/A	N/A	N/A	

19	Metal Panel Door	L25	DRS-257 (in EWS-472)	CM L00	External metal door			7016		56, 62, 66	
20	Aluminium Rainscreen	H92	EWS-541	CM L02	3mm hook-on aluminium panels	PPC	Matte	7037		151, 147, 146	
21	Aluminium Rainscreen	H92	EWS-542	CM L07 to L08	3mm hook-on aluminium panels	PPC	Matte	7037		151, 147, 146	
22	Aluminium Soffit Panels	H72	EWS-111	Underside of linkbridge between NS and CM, and underside of north elevation cantilever at L03	2mm interlocking aluminium sheet	PPC	Matte	7037		151, 147, 146	