

The Charter Gravesend – External Materials with Specifications and Maintenance & Cleaning Strategy

09 February 2022 – Rev. 1

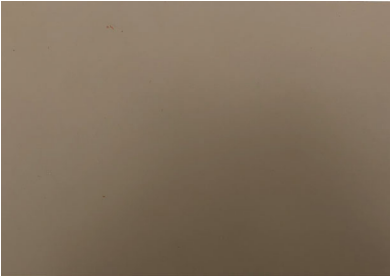
25 March 2022 – Rev. 2

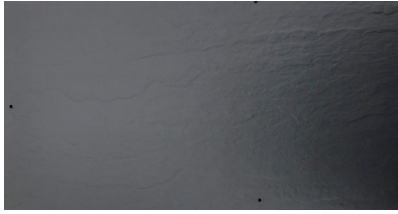
27 April 2022 – Rev. 3

05 December 2022 – Rev. 4

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MATERIALS	COMPANY	PRODUCT NAME	METALWORK/WINDOW RAL COLOURS	SPECIFICATIONS	MAINTENANCE & CLEANING STRATEGY
Brick Type 2 (Light grey) – E01 	Weinerberger	Forum Smoked Prata Note: Mortar finish to all brickwork agreed to be deep concave (10mm deep) and edge of all bricks are clear of mortar	RAL 7023	Durability designation is F2. This product is suitable for marine environment. Refer to technical data sheet for further info.	Maintenance free. Cleaning from the exterior via MEWP when required
Brick Type 2 (Light grey) – E02 	Weinerberger	Forum Smoked Branco Note: Mortar finish to all brickwork agreed to be deep concave (10mm deep) and edge of all bricks are clear of mortar	RAL 7023	Durability designation is F2. This product is suitable for marine environment. Refer to technical data sheet for further info.	Maintenance free. Cleaning from the exterior via MEWP when required
Brick Type 3 (Buff) – E02 & E03 	Weinerberger	Marziale Note: Mortar finish to all brickwork agreed to be deep concave (10mm deep) and edge of all bricks are clear of mortar	RAL 7013	Durability designation is F2. This product is suitable for marine environment. Refer to technical data sheet for further info.	Maintenance free. Cleaning from the exterior via MEWP when required
Brick Type 4 (Dark Grey) – E01 & E02 	Weinerberger	Pagus Grey/Black Note: Mortar finish to all brickwork agreed to be deep concave (10mm deep) and edge of all bricks are clear of mortar	RAL 7013	Durability designation is F2. This product is suitable for marine environment. Refer to technical data sheet for further info.	Maintenance free. Cleaning from the exterior via MEWP when required

Equitone Fibre Board – E01 	Etex (Equitone)	Equitone (Natura) N163 – Soft Grey Panel Size; Thickness: 8mm Panel width: 140mm Panel Length: Up to 1200mm	RAL 7023	EQUITONE [natura] is a through coloured base board, with semi-transparent coloured finish which results in the structure of fibre cement material shining through. The finished panel is both weatherproof and UV-stable. Panels fixings to be in stainless steel with Polyester Powder Coated colour match – suitable for marine environment. Refer to technical data sheet for further info.	Low maintenance. Cleaning from the exterior via MEWP. Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.
Zinc – E01 & E03 	VM Zinc	Quartz-Zinc	RAL 7023	Quartz-Zinc. Well suited for marine environment. Refer to technical data sheet for further info.	Maintenance free. Gutter requires Regular every 12 month routine cleaning from the exterior via MEWP
Aluminium Rainscreen Cladding– E01 & E02 	Valcan or Contractor’s choice	RAL 1019	RAL 7023	VitraDual is a 2mm or 3mm non-combustible aluminium cladding system. VitraDual features the PVDF coating system and A1 fire rated. 3mm recommended for Marine Grade. The VitraFix carrier system is produced from marine grade aluminium as standard, and any fixings would be produced from A4 marine grade stainless. Refer to technical data sheet and certificate.	Low maintenance. Cleaning from the exterior via MEWP. Cleaning frequencies are based on project location. Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.
Carpark Expanded Mesh – E04 	Proteus	Medium Expanded Mesh - MUSCA	RAL 8025	Medium Expanded Mesh Cladding Musca. Polyester Powder Coated. All fixings need to be stainless steel marine grade. Refer to technical data sheet.	Low maintenance. Exterior access via MEWP. Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.

Roof Cement Tile – E01 & E02 	Etex (Cedral)	Thrutone Blue Black Textured		Thrutone Blue Black Textured tile. Well suited for marine environment. Tiles should be fixed with copper or stainless-steel marine grade for coastal locations. Refer to technical data sheet.	Maintenance free. Gutter requires every 12 month cleaning from the exterior via MEWP
Decking – E01, E02 & E03 	Mydeck	Innova	RAL 7039	Innova decking system. A durable, non-combustible, aluminium decking system. Product and associated fixings are suitable for marine environment. Refer to technical data sheet.	Low maintenance. Simply wash the deck as needed without abrasive chemicals
Rainwater pipes – E01, E02, E03 & E04	Alumasc or Contractor's choice		RAL 7013	Polyester Powder Coated GX pressed Aluminum.	Low maintenance. Cleaning from the exterior via MEWP. Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.
Windows – E01, E02, E03 & E04	Kawneer or Contractor's choice	Aluminium Thermally Broken	RAL 7013, RAL 7023 & RAL 8025	Triple glazed Aluminium windows. Aluprof Casement window Product ref: MB-86 ST Tiltturn windows, fixed windows & doors. Alufrof Sliding Door Product ref: MB-77HS HI Lift/Slide doors. Min. 60 microns. Refer to manufacturer's technical data sheet.	Cleaning from the interior as required. Exterior access via MEWP. Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.
Curtain Walling (including external doors) – E01, E02 & E03	Kawneer or Contractor's choice	Aluminium Thermally Broken	RAL 7013 & RAL 7023	Triple glazed Aluminium curtain walling. Product refs: AA100 stick system pressure equalized zone drained. Min. 60 microns. Refer to manufacturer's technical data sheet.	Cleaning from the exterior ground floor level. Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.
External Balustrade / Balconies – E01, E02 & E03	Contractor's choice	Alumimium Polyester Powder Coated	RAL 7013 & RAL 7023	Guarding: Hot rolled and galvanised bright bar mild steel with Polyester Powder Coated. Handrails: Hot rolled and galvanised bright bar mild steel with Polyester Powder Coated. The average minimum thickness of the applied coating must be at least 70 microns and not less than 60 microns at any point.	Low maintenance. Cleaning from the exterior via MEWP. Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.
External Doors (including plant and bin stores) - E01, E02, E03 & E04	Contractor's choice	Metal doors. Polyester Powder Coated	RAL 7013, RAL 7023 & RAL 8025	Marine grade metal doors	Cleaning from the interior and exterior. . Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.
External Timber Doors	Contractor's choice	Timber doors	RAL 7013, RAL 7023	Solid core flush timber doors	Cleaning from the interior and exterior as required
External Ironmongery - E01, E02, E03 & E04	Glutz or Contractor's choice	Stainless steel		Stainless steel to be marine grade.	Regular every 12 month routine cleaning required but for marine environment 6 months cleaning required.