SPECIFICATION

Curtain Wall & Aluminium Pass Door

Project:

University of Manchester □ Samuel Alexander Building

Location:

New Entrance

Curtain Wall:

Technal MX thermally insulated curtain wall system consisting of:-

- **Mullion width 52mm**
- **Mullion cap 23mm**
- **Transom cap 20mm**
- **Mullions & transoms to suit spans and wind load**
- **Transoms located by the use of injection sealed spigots and anti-rotation pins**
- **Pressure equalised and drained to the outside through the transoms**
- **Cill pressing as detailed**
- **28mm sealed double glazed units consisting of 6mm clear □Low Emissivity□ toughened safety glass outer pane □16mm Argon filled cavity (black) □6.8mm clear laminated safety glass inner pane. Double glazed unit designed to give a centre pane U-value of 1.1W per square metre K.**
- **Silicone sealing to butt jointed glass units**
- **All sections polyester powder coated to a standard RAL colour, non-metallic**

Door leaves:

Technal CD fully weather rated non-thermal commercial door system consisting of:-

- **Single action pivoted doors**
- **Security beads integrally extruded into all horizontal rails**
- **Double woolpile on all four sides of door leaf**
- **100mm anti fingertrap door hinge stiles**
- **100mm door lock stiles**
- **118mm top rails**
- **156mm bottom rails**
- **13mm high drained threshold**
- **28mm sealed double glazed units consisting of 6mm clear □Low Emissivity□ toughened safety glass outer pane □16mm Argon filled cavity (black) □6.8mm clear laminated safety glass inner pane. Double glazed unit designed to give a centre pane U-value of 1.1W per square metre K.**
- **All sections polyester powder coated to a standard RAL colour, non-metallic**

Ironmongery:

Each door leaf to be fitted with:-

- **One medium duty de-tensioned concealed overhead transom closer**
- **One bottom pivot**
- **One pair of 300mm deep aluminium pad handles**

Each pair to be fitted with:-

- **One maximum security deadlock and armoured keep to master leaf**
- **One pair of flush bolts to slave leaf**

External Pointing:

Where required external pointing to be carried out using low modulus neutral cure silicone sealant of our choice to be compatible with our supplied product.