

INTERNAL

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| <div>DOOR TYPE 1</div> <div>(2 UNITS)</div> <div>DOOR NUMBER: D01, D02</div> <div>LOCATION: MAIN ACCESS DOOR INTO SCIENCE ROOMS</div> <div>COMMENT: FD30 SOLID FORMICA LAMINATE DOOR WITH VISION PANEL AS INDICATED. REFER TO ARCHITECTS S.O.W FOR SPEC</div> | <div>DOOR TYPE 2</div> <div>(2 UNITS)</div> <div>DOOR NUMBER: D03, D04,</div> <div>LOCATION: DOORS INTO PREP ROOM</div> <div>COMMENT: FD30 SOLID FORMICA LAMINATE DOOR AS INDICATED. REFER TO ARCHITECTS S.O.W FOR SPEC</div> |

- Internal Doors**
- Internal doors to be 44mm thick solid core doors with Formica or equivalent laminate finish.
  - All glazing to comply with BS 6262. Safety glass to be minimum 6.4mm laminated to 'BS EN 12600'.
  - Fire rating of glazing to comply with Irish Building Regulations Technical Guidance Document Part B 2006 .
  - Internal doors shall be of a clear opening size to permit ease of access, egress and escape. Clear openings shall be at least dimension given. For double doors clear opening dimensions are given for master leaf.
  - To be read in conjunction with Architectural Ironmongery schedule.** Ironmongery shall be designed for heavy duty use and must be provided in anodized aluminium or stainless steel, appropriate to the level and frequency of use.'Classroom' type locks to be provided to all teaching spaces with lock & coin slot on corridor side and thumb turn on classroom side.
  - Gaps between door / screen frames & the walls in which they are fixed should be less than or equal to 10mm. these gaps to be filled to the full width of the frame with ram packed mineral wool & sealed on both sides of the frame with non hardening sealant.
  - Sample section of door core, sample of frame & test certification to be submitted to architect for approval prior to manufacture.
  - Core:** 50 x 36mm MDF internal stiles (720kg/m3) and rails framework with composite Flaxboard (650kgm3) core 36mm thick & 4mm MDF sheets bonded to both sides of framework & flaxboard
  - Facings:** 0.9mm high pressure Formica laminate - colour to be confirmed by architect from full range
  - Lippings:** 46mm x 10mm exposed hardwood ash lippings to all four edges of the door leaf
  - Frame:** ash rebated frame. Finish as delivered: full factory finish.
  - Door furniture shall be easily gripped and operated, clearly visible and contrasted against its background.
  - All glass for internal doors and screens to be Pyrostop or equally approved, Georgian wire glass is not permitted.
  - All doors to be provided with stainless steel kick plates on both sides.
  - All Fire doors to include Signage as required
  - Internal door thresholds shall be flush and absolutely level to facilitate wheelchair movement.
  - Door closer's shall only be provided on all Fire resisting door sets.
  - Gaps between door frames & the walls in which they are fixed should be less than or equal to 3mm. These gaps to be filled to the full width of the frame with ram packed mineral wool & sealed on both sides of the frame with non-hardening sealant
  - All fire door sets (door & frame) to comply with bs 476 & require certificates from manufacturer stating the name of the school and the i.d. number of the relevant doors e.g. DT-01 , the bs number and test type (fire resisting door sets achieving 30 minute & 60-minute fire resistance (integrity) in accordance with bs 476:pt 22. Doors fitted with smoke seals to achieve a leakage rate not exceeding 3m3/m/hour (head and jambs) when tested at 25pa to bs476: sect 31.1.
  - Integrity and insulated glazing should be provided as follows: glazing contained within a compartment wall / access door shall achieve required 30/30- or 60/60-minute fire rating in terms of integrity and insulation.
  - Perimeter seals as required to meet acoustic performance.
  - Intumescent strips as required to comply with FSC
  - Moisture content upon leaving workshop between 8% - 14 %
  - Fixings to be fitted in accordance with BS 8214.
  - To be read in conjunction with Architects' floor plan drawings for l/h or r/h doors**
  - To be read in conjunction with DAC and FSC drawings.**
  - Contractor to include for manifestation as identified in architect's door schedule in compliance with TGD Part M 2010 Section 1.2.4.

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