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P20 UNFRAMED ISOLATED TRIMS/ SKIRTINGS/ MOULDINGS/ SUNDRY ITEMS

To be read in conjunction with Section A and other related sections of the Specification, Preliminaries and Contract Conditions.

P20.1000 SCOPE, SUBMITTALS AND TESTING

P20.1100 SPECIFICATION AND SCOPE

P20.1101 Prescriptive Works

- a) Supply, deliver, install and warrant the works in strict compliance with the materials and workmanship requirements of the Specification.
- b) Where required to prepare drawings these shall be limited to final detailing of components, systems, etc. indicated on the Design Drawings, necessary to demonstrate their safe installation.
- c) Where alternative products are offered by the Contractor for acceptance by the Architect, provide full supporting documentation in respect of the complete system or installation.

P20.1102 Scope of Works

This section of the Specification, when read in conjunction with the Design Drawings, provides particular requirements with respect to the following:

- a) Skirtings.
- b) Picture/ Dado rails.

P20.1200 SYSTEM TYPES

Skirtings

P20.1201 Type TRM-01 Skirting

Bullnosed mdf skirting.

P20.1202 Type TRM-01a Skirting

MDF skirting with aluminium chequer plate.

Dado Rails

P20.1203 Type TRM-02

MDF dado rail.

P20.1204 Type TRM-02a

MDF dado rail with aluminium chequer plate.

P20.1300 SUBMITTALS

Tender Submittals

P20.1301 Tender Response

Not required.

Samples, Mock-ups, Prototypes and Quality Benchmarks

P20.1302 Pre-contract Samples

Not required.

P20.1303 Post Contract Samples

In accordance with Section A.4000, post contract samples of the following shall be provided:

- a) Minimum 300mm of skirting in specified finish.
- b) Minimum 300mm of dado rail in specified finish.

P20.1304 Mock-ups

Not required.

P20.1305 Prototypes

Not required.

P20.1306 Benchmark Requirements

The following quality benchmarks shall be provided in accordance with Section A.4000:

- a) First completed room/ area of each type of skirting in a location to be agreed with the Architect.
- b) First completed room/ area of each type of dado rail in a location to be agreed with the Architect.

P20.2000 SYSTEMS AND MATERIALS

P20.2100 SYSTEM DESCRIPTIONS

Skirtings

- P20.2101 Type TRM-01 Skirting
25mm x 300mm bullnosed mdf skirting.
- P20.2102 Type TRM-01a Skirting
25mm x 300mm MDF skirting with bonded 2mm aluminium chequer plate fixed to plasterboard and rendered blockwork as indicated on the Design Drawings.
- a) Chequer plate: Silver anodised aluminium.
 - i) Fixing: Fully bonded, no visible fixings.
 - b) Size: To suit skirting.
 - c) Product: GA HGPS1601 as manufactured by Gooding Aluminium, Tel: 020 8692 2255, or acceptable equivalent.

Dado Rails

- P20.2103 Type TRM-02
MDF dado rail, with concealed fixings, mitred at corners and splayed joints in running lengths, all left suitable for decoration.
- P20.2104 Type TRM-02a
MDF dado rail, with bonded 2mm aluminium chequer plate fixed to plasterboard and rendered blockwork as indicated on the Design Drawings.
- a) Chequer plate: Silver anodised aluminium.
 - i) Fixing: Fully bonded, no visible fixings.
 - b) Size: To suit skirting.
 - c) Product: GA HGPS1601 as manufactured by Gooding Aluminium, Tel: 020 8692 2255, or acceptable equivalent.

P20.2200 MATERIALS

- P20.2201 Timber
- a) Quality of timber and fixing shall be to BS 1186: Part 3 and include:
 - i) Moisture content of external timber at time of fixing: 12-16%.
 - ii) Moisture content for internal timber at time of fixing: 9-13%.
 - b) Preservative treatment: Organic solvent with water repellent as the British Wood Preserving and Damp-proofing Association Commodity Specification C5.
 - i) Desired service life 30 years.
 - c) The profiles shall be as indicated on the Design Drawings.
- P20.2202 MDF
- a) Type: Moisture resistant grade MDF MR (moisture resistant) to BS EN 622: Part 5 fixed to treated softwood packing.
 - b) Moisture content at time of fixing: 18%.
 - c) Profile: As indicated on the Design Drawings.
 - d) Finish: Painted as Section M60. Provide a suitable balancing paint to backs of MDF.
 - e) Fixing: Countersunk, screwed and filled.
 - f) All visible faces/ edges shall be sanded to give smooth, flat surfaces suitable to receive specified finishes. Arrises shall be eased unless specified otherwise.
 - g) Methods of fixing and fastenings shall be as Section Z20 unless specified otherwise.
 - h) Straight runs shall be formed in single lengths wherever possible. Location of running joints shall be agreed with the Architect where not detailed.
 - i) All joints at angles shall be mitred unless specified otherwise.
 - j) Moisture content of timber and wood based boards shall be maintained during storage and installation within the range specified for the component.
- P20.2203 Fixings
Refer to Section Z20.
- P20.2204 Metal
- a) Refer to Section Z30.
 - b) Refer to Section Z33 for anodising, colour shall be confirmed by the Architect.

P20.3000 SITE INSTALLATION**P20.3100 WORKMANSHIP****Fixing**

P20.3101 Generally

Fixing and jointing methods and types, sizes, quantities and spacings of fastenings shall be suitable having regard to:

- a) Nature of and compatibility with product/ material being fixed and fixed to.
- b) Recommendations of manufacturers of fastenings components, products or materials being fixed and fixed to.
- c) Materials and loads to be supported.
- d) Conditions expected in use.
- e) The appearance, which shall be subject to acceptance of the Architect.

P20.3102 Fixing Through Finishes

Fastenings and plugs (if used) shall have ample penetration into the backing.

P20.3103 Packings (where required)

- a) Suitable tight packings shall be provided at fixing points to take up tolerances and prevent distortion.
- b) Non-compressible, rot-proof, non-corrodible materials shall be used and positioned adjacent to fixing points.
- c) Packings shall not intrude into zones that are to be filled with sealants.

P20.3104 Nailing

- a) The use of nails as fixings shall only be acceptable in locations agreed with the Architect, to systems which do not require concealed fixings and where nail fixing is a suitable method for the service conditions.
- b) In joints, not less than two nails shall be used and, where appropriate, opposed skew nailing.
- c) Masonry nails shall not be used without permission. Nails shall be driven in fully without splitting or crushing the material being fixed.
- d) Nail heads shall be punched below surfaces that will be visible in the completed work.

P20.3200 TOLERANCES

P20.3201 Installation Tolerances

- a) The works shall be installed to achieve the following:
 - i) Vertical tolerance: $\pm 1\text{mm}$ up to 300mm and $\pm 1.5\text{mm}$ up to 600mm of its notional setting-out position.
 - ii) Horizontal tolerance: $\pm 1\text{mm}$ up to 500mm and $\pm 1.5\text{mm}$ up to 1000mm of its notional setting-out position.
 - iii) Straight lines and flat planes in all directions.
- b) The installation shall accommodate all required tolerances including differences between actual Site dimensions and dimensions indicated on the Design Drawings.
- c) Account shall be taken of the installation tolerance requirements such that repetitive units are accurately located, relative to each other.
- d) The maximum offset in plane, level or section between any two adjacent sections shall be $\pm 1\text{mm}$.
- e) Cut-outs for interfacing works shall comply with the dimensions indicated on the Design Drawings $\pm 1\text{mm}$.

End of Section