

P20 – UNFRAMED ISOLATED TRIMS/SKIRTINGS

IRAL-NH[P20]0001

Rev	Summary of Changes	Author	Date	Check	Status
E00	Stage E issue	TMQ	04.04.08	AS	Stage E
F00	Stage F issue	AC	31.07.08	AS	Stage F
F01	Issued for Enclosed Courtyard tender	CR	12.09.08	AS	Stage F
F02	Clauses 111, 121 & 145 added. Clause 180 revised.	AC/TMQ	30.09.08	AS	Stage F
K00	Issued for Construction Added clauses 122, 170 Revised clause 200 Deleted clauses 190, 195, 196	PB/AC CR	19.01.09	AS	Stage K
K01	Added Clause: 151 Revised Clauses: 150, 155 Revised Shot Peen Ref: 120, 121, 122, 130, 140, 150, 155 & 200	AC	17.04.09	AS	Stage K
K02	Added Clause 165, 171; Revised: 110, 115	AC	16.06.09	TM	Stage K
K03	Added Clause: 112. Revised: 050, 120, 121, 122, 130, 150, 151, 171, 180, 200. Deleted: 160	AC	13.07.09	TM	Stage K
K04	Added Clause: 172 Revised: 120	AC	22.07.09	TM	Stage K

P20 Unframed Isolated Trims/ Skirtings/ Sundry items

To be read with Preliminaries/ General Conditions.

050 CONTROL SAMPLES

- Procedure:
 - Finalize component details.
 - Provide finished samples of 1500 mm length of each of the following items:
 - P20/120
 - P20/200
 - Fabricate and install positive and negative corner details 300x300 + junction details of each of the following items.
 - P20/120 in room G10a
 - P20/200 in room B12
- Fabricate a one of each of the following designated items as part of the quantity required for the project:
 - Threshold between Rooms G50&G03 (clause: P20/150)
- Obtain approval of appearance and quality before proceeding with manufacture remaining items.

110 SOFTWOOD SKIRTING TO MATCH EXISTING

- Description: Softwood moulded skirting to match existing skirting.
- Location: GFL G09, 1FL 108
Refer to IRAL-5230 & IRAL-5231
- Drawing reference(s): IRAL-2230 for details
IRAL-5230 & IRAL-5231 for locations
- Quality of wood and fixing: To BS 1186-3.
 - Species: Douglas Fir
 - Class: CSH
- Moisture content at time of fixing: 9-13%
- Preservative treatment: No requirement
- Fire rating: Class 1
- Profile: To match existing.
 - Finished size: To match existing.
- Finish as delivered: Prepared and primed
- Final Finish: As M60/150
- Fixing: 38mm No10 wood screws, vertical pair at 450mm c/c and pelleted.
- Interfaces: Timber flooring: K21/110,
Doors: L20
Plasterboard dry linings/partitions, see section K10

111 SOFTWOOD SKIRTING TO MATCH EXISTING

- Description: Softwood plane skirting to match existing skirting.
- Location: Bsmt. Rooms: B50
Refer to IRAL-5230
- Drawing reference(s): IRAL-2230 for details
- Quality of wood and fixing: To BS 1186-3.
 - Species: Douglas Fir
 - Class: CSH
- Moisture content at time of fixing: 9-13%
- Preservative treatment: No requirement
- Fire rating: As required
- Profile: rectangular.
 - Finished size: To match existing, approximately 150mm high.
- Finish as delivered: Prepared and primed

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- Final Finish: As M60/151
 - Fixing: 38mm No10 wood screws, vertical pair at 450mm c/c and pelleted.
 - Interfaces: Rubber flooring: M50/110,
Doors: see section L20
Plasterboard dry linings/partitions, see section K10
- 112 PAINTED TIMBER TRIM
- Description: Hardwood trim behind existing refurbished re-fixed timber skirting
 - Location: First Floor: 108
 - Drawing reference(s): IRAL-2390 for details
 - Quality of wood and fixing: To BS 1186-3.
 - Species: Tulipwood or similar approved
 - Class: CSH
 - Moisture content at time of fixing: 9-13%
 - Preservative treatment: No requirement
 - Fire rating: As required
 - Profile: rectangular.
 - Finished size: 18x25mm
 - Finish as delivered: Prepared and primed
 - Final Finish: As M60/151
 - Fixing: c/s screw fixed
 - Interfaces: Wall grille: K10/240,
Timber support to window boxes/wall grilles: G20/240
- Existing timber skirting
- 115 SOFTWOOD SKIRTING
- Description: Softwood plane skirting.
 - Location: Bsmt. Rooms: B08, B02, B09
Refer to IRAL-5230 & IRAL-5231
 - Drawing reference(s): IRAL-2230 for details
 - Quality of wood and fixing: To BS 1186-3.
 - Species: Douglas Fir
 - Class: CSH
 - Moisture content at time of fixing: 9-13%
 - Preservative treatment: No requirement
 - Fire rating: As required
 - Profile: rectangular.
 - Finished size: 120x15mm.
 - Finish as delivered: Prepared and primed, finished as M60/160.
 - Fixing: 38mm No10 wood screws, vertical pair at 450mm c/c and pelleted.
 - Interfaces: Rubber flooring: M50/110,
Doors: see section L20
Plasterboard dry linings/partitions, see section K10
- 120 METAL SKIRTING – FLAT SECTION
- Description: Stainless steel skirting.
 - Location: Refer to IRAL-5230 & IRAL-5231
 - Drawing reference(s): IRAL-2230 for details
 - Material: Stainless Steel 316-S11
 - Thickness: 1.6mm
 - Height: 128mm at carpet, **125mm at glass floor**, 117mm at all other floor finishes,
~~Height at window G13 to match height of existing marble skirting~~
 - Length: 1.5 m

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- Finish: Shot peened as Z35/153
- Fixing: Adhesive to 6mm plywood behind.
Plywood as clause K11/816 , adhesive fixed to plasterboard
- Joints: 1mm max butt joints
- Metalwork: As section Z11.
- Special conditions: Mitred welded external and internal corners, typically 180mm form corner each side.
- Interfaces: Floor finishes: M50/171, M40/120, M40/124, M40/140, M40/150
Plasterboard dry linings/partitions, see section K10,
Render: M20/126
Doors, see section L20

121 METAL SKIRTING – FLAT SECTION

- Description: Stainless steel skirting at Room G06 and Stair 7
- Location: Refer to IRAL-5230 & IRAL-5231
- Drawing reference(s): IRAL-08/2230 for details
- Material: Stainless Steel 316-S11
 - Thickness: 1.6mm
 - Height: 27mm
 - Length: Varies, cut to fit
- Finish: Shot peened as Z35/153
- Fixing: Adhesive to 6 mm plywood behind.
Plywood as clause K11/816 , adhesive fixed to plywood c/s
screwed to substrate.. - Joints: 1mm max butt joints
- Metalwork: As section Z11.
- Special conditions: Mitred welded external and internal corners
- Interfaces: Floor finishes: M40/120, M40/121
Plasterboard dry linings/partitions, see section K10
Render: M20/126

Existing Masonry/Stone

122 METAL SKIRTING – FLAT SECTION

- Description: Stainless steel skirting.
- Location: Enclosed Courtyard B12. Refer to IRAL-5230 & IRAL-5231.
- Drawing reference(s): IRAL-2230 for details
- Material: Stainless Steel 316-S11
 - Thickness: 1.6mm
 - Height: 150mm (confirm on site), to match height of skirting in Canteen B50.
 - Length: 1.5 m
- Finish: Shot peened as Z35/153
- Fixing: Adhesive to 12mm plywood behind.
Plywood as clause K11/816 , adhesive fixed to plasterboard
- Joints: 1mm max. butt joints.
- Metalwork: As section Z11.
- Special conditions: Mitred welded external and internal corners, typically 180mm form corner each side.
- Interfaces: Floor finishes: M40/124
Render M20/126
Doors, see section L20

130 METAL SKIRTING – REFER TO CLAUSE 120

145 FOLDED METAL EDGE TRIM AT PLANTER

- Location: Enclosed Courtyard. Refer to IRAL-2041

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- Manufacturer: Ingersoll Rand Security Technologies - Martin Roberts
 - Material: Performance Steel Doorsets
 - Thickness: Grade 316S11stainless steel
 - Height: 1.6mm
 - Length: 100mm
 - Width: Single lengths as per drawing
 - Finish: 35mm
 - Fixing: Controlled shot peened refer to Z35/153.
 - Metalwork: Post-fitted onto treated timber packing with c/s face fixed. - as section Z11
- 150 FOLDED METAL THRESHOLD
- Location: Refer to IRAL-2440 to IRAL-2462 and IRAL-2235 and GA plans
 - Manufacturer: Ingersoll Rand Security Technologies - Martin Roberts
 - Material: Performance Steel Doorsets
 - Thickness: Grade 316S11stainless steel
 - Sizes: 1.6mm
 - Finish: Refer to GA plans, Door Schedule IRAL 2400 & IRAL 2401 and IRAL-2235 for nominal dimensions.
 - Fixing: Final vertical dimensions to link differences between finished floor levels. Final widths to be coordinated with door frame.
 - Metalwork: Controlled shot peened refer to Z35/153.
- Folded threshold adhesive fixed to continuous timber packer to follow the profile of threshold with packer provided with c/s holes to accommodate punched c/s hole in threshold. Threshold assembly fixed with no 6 (length as required) s/s c/s wood screws with security torx drive head to sub-floor at approximately 200mm centres
- Thresholds width <100mm: 1 row of screws, centred
- Thresholds width ≥100mm: 2 rows of screws
- Locations and length of screws to be coordinated with accepting sub-floors.
- Final number and location of screws to be approved on shop drawings.
- Metalwork: as section Z11
- 151 FOLDED METAL THRESHOLD
- Description: Folded metal threshold to main entrance door. Under side of plate routed at edges to achieve minimum curvature at edges, and with two cut holes to accept floor spring cover plates as P21/451.
 - Location: ED-G06-1
 - Drawing references: Door schedule IRAL-2400, IRAL-2410 and IRAL-2440
 - Manufacturer: Ingersoll Rand Security Technologies - Martin Roberts
 - Material: Performance Steel Doorsets
 - Thickness: Grade 316S11stainless steel
 - Sizes: 3mm
 - Finish: Refer to GA plans, Door Schedule IRAL 2400 and IRAL-2440 for nominal dimensions.
 - Fixing: Final width to be coordinated with door frame.
 - Metalwork: Controlled shot peened refer to Z35/153.
- Folded threshold screw fixed though plastic packer with 2 rows of no10 s/s c/s wood screws with security torx drive head to sub-floor at approximately 200mm centres
- Number and exact location of screws to CA approval. To be approved on shop drawings.

- Metalwork: as section Z11

- 155 FLAT METAL THRESHOLD
 - Location: ED-B11-1
 - Drawing references: IRAL-2440, IRAL-2411
 - Manufacturer: Ingersoll Rand Security Technologies - Martin Roberts Performance Steel Doorsets
 - Material: Grade 316S11stainless steel
 - Thickness: 3 mm
 - Sizes: Refer to GA plans, IRAL-2440, IRAL-2411 for nominal dimensions.
 - Finish: Controlled shot peened refer to Z35/153.
1mm chamfered edges to top surface.
 - Fixing: Face fixed through plastic packing with 2 rows of no 10 s/s c/s wood screws with security torx drive head to screed at approximately 200mm centres
Number and exact location of screws to CA approval. To be approved on shop drawings.
 - Metalwork: as section Z11

- 165 STICK DOWN ALUMINIUM STAIR NOSING
 - Location: Room B13, stepped floor in circulation path to CA approval.
 - Drawing References: IRAL-1140
 - Manufacturer: R.S. Bateman Ltd
Concorde House
34 Nesfield Street
Bradford
West Yorkshire
BD1 3ET
 - Product: HD2 Stickdown Stair nosing
 - Material: Aluminium
 - Sizes: 1200mm or as otherwise indicated
 - Finish: Mill Finish
 - Insert Colour: Blue
 - Fixing: Stickdown to manufacturers written instructions

- 170 METAL FRAME TO ENTRANCE MATTING
 - Location: G06 Entry Hall
 - Drawing reference: IRAL-04/2440 & IRAL-01/1320
 - Manufacturer: ParkerSteel
John Parker & Son Limited
Vauxhall Road
Canterbury
Kent
CT1 1HD
 - Product: Stainless Equal Engle 25x25x3mm
 - Material: Grade 1.4301 stainless steel
 - Size: Refer to IRAL-01/1320 for nominal dimensions.
 - Finish: brushed
 - Fixing: c/s screw to concrete creed.
 - Metalwork: as section Z11
 - Other requirements: Profiles mitre cut and welded together forming the frame.

- 171 METAL FRAME TO ENTRANCE MATTING TO B15
 - Location: B15 Auxiliary Room

- Drawing reference: IRAL-03/2441 & IRAL-01/1320
- Manufacturer: ParkerSteel
John Parker & Son Limited
Vauxhall Road
Canterbury
Kent
CT1 1HD
- Product: Stainless Steel Equal Angle 20x20x3mm
- Material: Grade 1.4301 stainless steel
- Size: nominal height: 15mm, cut as required to level with FFL.
Refer to IRAL-01/1150 for nominal dimensions.
- Finish: brushed
- Fixing: c/s screw to plywood sub-floor.
- Metalwork: as section Z11
- Other requirements: Profiles mitre cut and welded together forming the frame.

172 METAL FRAME AROUND GLASS FLOOR

- Location: 210 Open Office
- Drawing reference: IRAL-01/2263
- Manufacturer: ParkerSteel
John Parker & Son Limited
Vauxhall Road
Canterbury
Kent
CT1 1HD
- Product: Stainless Steel Equal Angle 25x25x3mm
- Material: Grade 1.4301 stainless steel
- Size: Nominal height: 15mm, cut as required to align with glass floor. Length to suit glass floor.
- Finish: brushed
- Fixing: c/s screw to plywood sub-floor.
- Metalwork: as section Z11
- Other requirements: Profiles mitre cut and welded together at corner. 1mm max joints to align with centre lines of joints in glass floor.

180 NEW TIMBER WINDOW SILLS

- Description: Hardwood planed window sill
- Location: Basement, ground, first, second and third floors
- Drawing reference(s): Refer to GA plans, IRAL-2320 to IRAL-2324 & IRAL-2390 for details
- Quality of wood and fixing: To BS 1186-3.
 - Species: Tulipwood
 - Class: CSH
- Moisture content at time of fixing: 9-13%
- Preservative treatment: No requirement
- Fire rating: As required
- Profile: rectangular.
 - Finished size: Varies, refer to details.
- Finish as delivered: Factory finished to M60/141
- Fixing: Screwed and pelleted to timber framing
- Interfaces: Windows: L10
Plasterboard dry linings/partitions, see section K10

200 ENCLOSED COURTYARD COVER TRIM

- Location: Room B12

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- Drawings: Refer to IRAL 1021, 1023, 1024, 1025, 1026, 2020, 2022, 2023, 2035, 2036.
- Description: Stainless steel folded plate to Z11 with countersunk holes for fixing.
- Material: Stainless steel to BS EN 0088-2, grade 1.4401 (BS 1449:Part 2, grade 316) refer Z11/200.
- Size: 140 x 20 x 3mm thick. Refer to Drawings.
- Finish: Shot peened to Z35/152.
- Fixing: A4-70 grade no10 countersunk self tapping stainless steel screws with security torx drive head to gutter support brackets R10/115 at max 300mm centres.
- Tolerance: Maximum allowable deviation from flat: 2mm in 1000mm.
- Joints: 3mm panel to panel joints with integral butt strap behind.
- Corners: Corners trim to be formed from a single piece 675 x 675 in order to avoid mitre joints at the corners. Refer 01/IRAL-2022.

EXECUTION

510 INSTALLATION GENERALLY

- Joinery workmanship: As section Z10.
- Metal workmanship: As section Z11.
- Methods of fixing and fasteners: As section Z20 where not specified.
- Straight runs: To be in one piece or in long lengths with as few joints as possible.
- Running joints: Location and method of forming to be agreed where not detailed.
- Joints at angles: mitred
- Position and level: To be agreed where not detailed.

End of P20