

Desm Limited

Luton & Dunstable Hospital

LDH Chaul End Reconfiguration

Architectural Specification

03-02-2022

Contents

C20 Demolition.....	1
K10 Gypsum board dry linings/ partitions/ ceilings.....	4
K40 Demountable suspended ceilings	6
L20 Doors/ shutters/ hatches	10
M50 Rubber/ plastics/ cork/ lino/ carpet tiling/ sheeting.....	12
M60 Painting/ clear finishing	14
N10 General fixtures/ furnishings/ equipment	16
N13 Sanitary appliances and fittings	17

C20 Demolition

Clauses

10 Extent of deconstruction/ demolition

1. **General:** Subject to retention requirements specified elsewhere, deconstruct/ demolish structures down to as demolition drawing.

15 Bench marks

1. **Unrecorded bench marks and other survey information:** Give notice when found. Do not remove marks or destroy the fabric on which they are found.

25 Location of services

1. **Services affected by the Works:** Locate and mark positions.
2. **Mains services marking:** Arrange with the appropriate authorities for services to be located and marked.

30 Services disconnection arranged by contractor

1. **Responsibility:** Before starting deconstruction/ demolition arrange with the appropriate authorities for disconnection of services owned by those authorities and removal of associated fittings and equipment.

31 Services disconnection arranged by employer

1. **Responsibility:** The Employer will arrange disconnection of services and removal of fittings and equipment owned by those authorities prior to deconstruction/ demolition.
2. **Timing:** Do not start deconstruction/ demolition until disconnections are completed.

32 Disconnection of drains

1. **General:** Locate, disconnect and seal disused foul and surface water drains.
2. **Sealing:** Permanent, and within the site.

35 Live foul and surface water drains

1. **General:** Protect drains and fittings still in use. Keep free of debris and ensure normal flow during deconstruction/ demolition work.
2. **Damage:** Make good damage arising from deconstruction/ demolition work. Leave clean and in working order at completion of deconstruction/ demolition work.

40 Service bypass connections

1. **General:** Provide as necessary to maintain continuity of services to occupied areas of the site on which the deconstruction/ demolition is taking place and to adjoining sites/ properties.
2. **Notice:** Give adequate notice to adjoining owners and all affected occupiers if shutdown is necessary.

45 Services to be retained

1. **Damage to services:** Give notice, and notify relevant service authorities and/ or owner/ occupier regarding damage arising from deconstruction/ demolition.
2. **Repairs to services:** Complete as directed, and to the satisfaction of the service authority or owner.

50 Workmanship

1. **Standard:** Demolish structures in accordance with BS 6187.
2. **Operatives:** Appropriately skilled and experienced for the type of work. Holding, or in training to obtain, relevant CITB Certificates of Competence.
3. **Site staff responsible for supervision and control of work:** Experienced in the assessment of risks involved and methods of deconstruction/ demolition to be used.

55 Site hazards

1. **Precautions:** Prevent fire and/ or explosion caused by gas and/ or vapour from tanks, pipes, etc.
2. **Dust:** Reduce by periodically spraying with an appropriate wetting agent, or contain.
 - 2.1. **Lead dust:** Submit method statement for control, containment and clean-up regimes.
3. **Site operatives and general public:** Protect from vibration, dangerous fumes and dust arising during the course of the Works.

70 Partly deconstructed/ demolished structures

1. **General:** Leave partly in a stable condition, with adequate temporary support at each stage to prevent risk of uncontrolled collapse. Make secure outside working hours.
2. **Temporary works:** Prevent overloading due to debris.
3. **Access:** Prevent access by unauthorized persons.

71 Dangerous openings

1. **General:** Provide guarding at all times, including outside of working hours. Illuminate during hours of darkness.
2. **Access:** Prevent access by unauthorized persons.

75 Asbestos-containing materials – known occurrences

1. **General:** Materials containing asbestos are known to be present in the structure(s) to be demolished in the following locations:
2. **Removal:**

76 Asbestos-containing materials – unknown occurrences

1. **Discovery:** Give notice immediately of suspected asbestos-containing materials when discovered during deconstruction/ demolition work. Avoid disturbing such materials.
2. **Removal:** Submit statutory risk assessments and details of proposed methods for safe removal.

78 Unforeseen hazards

1. **Discovery:** Give notice immediately when hazards, such as unrecorded voids, tanks, chemicals, are discovered during deconstruction/ demolition.
2. **Removal:** Submit details of proposed methods for filling, removal, etc.

85 Site condition at completion

1. **Debris:** Clear away and leave the site tidy on completion.

90 Contractor's property

1. **Components and materials arising from the deconstruction/ demolition work:** Property of the Contractor except where otherwise provided.
2. **Action:** Remove from site as work proceeds where not to be reused or recycled for site use.

95 Recycled materials

1. **Materials arising from deconstruction/ demolition work:** Can be recycled or reused elsewhere in the project, subject to compliance with the appropriate specification and in accordance with any site waste management plan.

Ω End of Section

K10

Gypsum board dry linings/ partitions/ ceilings

Clauses

30 Metal stud

1. Description: PARTITIONS
2. Manufacturer: British Gypsum
 - 2.1. Product reference: GypWall ROBUST upto 4M high walls
3. Stud types: 70 mm Gypframe 70 S 60 'C' studs.
 - 3.1. Centres: 600
4. Head condition: Gypframe 72 DC 60 Floor and Ceiling Channels, fixed to soffit.
Deflection allowance: 15mm Maximum.
5. Insulation: Isover APR 1200, 50mm
6. Fire performance
 - 6.1. Fire resistance of complete wall lining assembly: To BS EN 13501-2. EI 60 or better
7. Linings: 1 x 15 mm Gyproc Duraline facing layer and 1 x 15mm WBP plywood Inner layer to each side. Taper edge
8. Finishing:
 - 8.1. Primer/ Sealer: Skim coat plaster finish.
 - 8.2. Accessories: 2 coats of Gyproc Drywall Sealer.

50 Suspended ceiling on metal framing

1. Description: Adapt and expand existing grid ceiling
2. Standard: To BS EN 13964.
3. Evidence of compliance: All ceilings kits to be CE marked. Submit Declaration of Performance (DoP).
4. Manufacturer: Submit proposals Contractor's choice
 - 4.1. Product reference: Submit proposals to match existing
5. Suspension system

65 Dry lining generally

1. General: Use fixing, jointing, sealing and finishing materials, components and installation methods recommended by board manufacturer.
2. Standard
 - 2.1. Gypsum plasterboard to BS EN 520.
 - 2.2. Gypsum fibre board to BS EN 15283-2.
 - 2.3. Evidence of compliance: All sheets to be CE marked. Submit Declaration of Performance (DoP).
3. Cutting gypsum boards: Neatly and accurately without damaging core or tearing paper facing. Minimize cut edges.
4. Two layer boarding: Stagger joints between layers.
5. Finishing: Neatly to give flush, smooth, flat surfaces free from bowing and abrupt changes of level.

67 Skim coat plaster finish

1. Plaster type: As recommended by board manufacturer

- 1.1. **Thickness:** 2-3 mm.
2. **Joints:** Fill and tape except where coincident with metal beads.
3. **Finish:** Tight, matt, smooth surface with no hollows, abrupt changes of level or trowel marks.

69 Installing beads/ stops

1. **Cutting:** Neatly using mitres at return angles.
2. **Fixing:** Securely using longest possible lengths, plumb, square and true to line and level, ensuring full contact of wings with substrate.
3. **Finishing:** After joint compounds/ plasters have been applied, remove surplus material while still wet from surfaces of beads exposed to view.

70 Additional supports

1. **Framing:** Accurately position and securely fix to give full support to:
 - 1.1. Partition heads running parallel with, but offset from main structural supports.
 - 1.2. Fixtures, fittings and services.
 - 1.3. Board edges and lining perimeters.

85 mineral wool insulation

1. **Fitting insulation:** Closely butted joints and no gaps. Prevent slumping.
2. **Electrical cables overlaid by insulation:** Size accordingly.

87 Sealing gaps and air paths

1. **Sealing:** Apply sealant to perimeter abutments and around openings as a continuous bead with no gaps.
 - 1.1. Gaps between floor and underside of gypsum board: After sealing, fill with joint compound.

90 Seamless jointing

1. **Filling and taping:** Fill joints, gaps and internal angles with jointing compound and cover with continuous lengths of tape, fully bedded.
2. **Finishing:** Feather out jointing compound to give a flush, smooth, seamless surface.
3. **Nail/ screw depressions and minor indents:** Fill to give a flush surface.

Ω End of Section

K40

Demountable suspended ceilings

To be read with preliminaries/ general conditions.

10 Unit/ modular suspended ceilings Type A

1. Manufacturer: [Zentia](#)
2. Contact details
 - 2.1. Address: Zentia
Kingsway South
Team Valley
Gateshead
United Kingdom
NE11 0SP
 - 2.2. Telephone: +44 (0)800 371849
 - 2.3. Web: www.zentia.com
 - 2.4. Email: ats@zentia.com
3. Product reference: [Bioguard Plain](#)
4. Material: Mineral fibre.
5. Recycled content: Recycled content (maximum): 39%.
6. Unit size
 - 6.1. Face dimensions:
 - 6.2. Thickness: 15 mm.
7. Colour: Global white.
8. Edge profile:
9. Weight: 3.6 kg/m².
10. Light reflectance: Light reflectance value (LRV): 87%.
11. Thermal Conductivity:: 0.060 W/m·K.
12. Reaction to fire: Euroclass A2-s1, d0.
13. Acoustic performance: Acoustic absorption (weighted sound absorption coefficient): $\alpha_w = 0.20$.
14. Sound attenuation: Acoustic attenuation (weighted suspended ceiling normalized level difference): Dnfw = 35 dB.
15. VOC emissions: The VOC emission performance in accordance with the French labelling requirements: A+/A (depends on thickness, edge detail and size of tile).
16. Formaldehyde emissions: Formaldehyde emission level (E1 = Best test result possible).

Components

31 Standards

1. Steel panels: To BS EN 10346.
2. Aluminium sheet, strip and plate: To BS EN 485-1 and -2.
3. Aluminium bars, tubes and sections: To relevant parts of BS EN 515, BS EN 573, BS EN 755 and BS EN 12020.

Execution

40 Workmanship generally

1. **Fixing:** Secure. In accordance with manufacturers' recommendations and in accordance with BS EN 13964. Provide additional bracing and stiffening to give a stable ceiling system.
2. **Setting out:** Accurate. Provide level soffits free from undulations and lipping.
3. **Infill and access units, integrated services:** Fitted correctly and aligned.
4. **Lines and joints:** Straight and parallel to walls, unless specified otherwise.
5. **Edge infill units size (minimum):** Half standard width or length.
6. **Corner infill units size (minimum):** Half standard width and length.
7. **Grid:** Position to suit infill unit sizes. Allow for permitted deviations from nominal sizes of infill units.
8. **Infill joints and exposed suspension members:** Straight, aligned and parallel to walls, unless specified otherwise.
9. **Suitability of construction:** Give notice where building elements and features to which the ceiling systems relate are not square, straight or level.

50 Installing hangers

1. **General:** Straighten and tension before use.
2. **Installation:** Install vertical without bends or kinks. Do not allow hangers to press against fittings, services, or insulation covering ducts/ pipes.
3. **Obstructions:** Where obstructions prevent vertical installation, either brace diagonal hangers against lateral movement, or hang ceiling system on an appropriate rigid sub-grid bridging across obstructions and supported to prevent lateral movement.
4. **Extra hangers:** Provide as necessary to carry additional loads.
5. **Fixing**
 - 5.1. **Wire hangers:** Tie securely at top and bottom with tight bends to loops to prevent vertical movement.
 - 5.2. **Angle/ Strap hangers:** Do not use rivets for top fixing.
6. **Spacings:**

51 Installing perimeter trims

1. **Jointing:** Neat and accurate, without lipping or twisting.
 - 1.1. **External and internal corners:** Mitre joints generally. Overlap joints at internal corners are
 - 1.2. **Intermediate butt joints:** Minimize. Use longest available lengths of trim. Align adjacent lengths.
2. **Fixing:** Fix firmly to perimeter wall, edge battens or other building structure.
 - 2.1. **Fasteners:**
 - 2.2. **Fixing centres:** 600 mm

52 Installing board-suspended ceiling systems

1. **Cut boards:** Neat and accurate.
2. **Fixing to grid**
 - 2.1. **Board edges:** Fully support. Screw to grid members. Set heads of screws below surface of boards and fill flush with surface.
 - 2.2. **Boards applied in two or more layers:** Stagger joints.

3. **Movement joints:** Provide as appropriate for the area of ceiling system and/ or to coincide with movement joints in surrounding structure.

53 Openings in ceiling materials

1. **General:** Neat and accurate. To suit sizes and edge details of fittings. Do not distort ceiling system.

55 Insulation

1. **Material:**
 - 1.1. **Recycled content:**
2. **Fitting:** Fit accurately and firmly with butted joints and no gaps.
3. **Insulation within individual infill units:** Fit closely. Secure to prevent displacement when infill units are installed or subsequently lifted. Reseal cut dustproof sleeving.
4. **Services:** Do not cover electrical cables not sized accordingly. Cut insulation around electrical fittings. Do not lay insulation over luminaires.
5. **Sloping and vertical areas of ceiling system:** Fasten insulation to prevent displacement.

57 Ceiling systems intended for fire protection

1. **Junctions of ceiling systems with perimeter abutments and service penetrations:** Seal gaps with tightly packed mineral wool or intumescent sealant to prevent penetration of smoke and flame
2. **Ceiling system/ Wall junctions:** Maintain protective value of ceiling system.
3. **Fixings and grounds:** Non-combustible.
4. **Metal trim:** Provide for thermal expansion.
5. **Access and access panels:** Maintain continuity of fire protection.

60 Cavity fire barriers

1. **Material Wire-reinforced mineral wool pads.**
 - 1.1. **Thickness:** To give same fire resistance as ceiling.
2. **Fixing:** Accurate. Secure with no gaps. Provide a complete barrier to smoke and flame.
3. Do not impair fire-resisting performance of ceiling system.
4. **Maximum ceiling void dimension in any direction:** 20m
5. **Fixing:**
 - 5.1. **General:** Fix battens securely to channels or angles at abutments to building structure.
 - 5.2. **At perimeters and joints:** Provide permanent stability and continuity, with no gaps, to form a complete barrier to smoke and flame.
6. **Joints:** Form to preserve integrity in fire.
7. **Service penetrations:** Cut barriers neatly to accommodate services. Fit fire-resistant sleeves around flexible materials. Fill gaps around services to fire barrier manufacturer's recommendations to maintain barrier integrity. Adequately support services passing through the barrier.
8. **Ceiling systems intended for fire protection:** Do not impair fire-resisting performance of ceiling system.
9. **Ceiling systems not intended for fire protection:** Do not mechanically interlink barriers with ceiling system.

65 Integrated services

1. **General:** Position services accurately, support adequately. Align and level in relation to the ceiling and suspension system. Do not diminish performance of ceiling system.

2. **Small fittings:** Support with rigid backing boards or other suitable means. Do not damage or distort the ceiling.
 - 2.1. **Reaction to fire rating of additional supporting material:** Not less than ceiling material.
3. **Services outlets**
 - 3.1. **Supported by ceiling system:** Provide additional hangers.
 - 3.2. **Independently supported:** Provide flanges to support ceiling system.

66 Ceiling-mounted luminaires

1. **Support:**
 - 1.1. **Ceiling supported luminaires:** Modifications and/ or extra support required:
 - 1.2. **Independently supported luminaires:** Suspension adjusted to line and level of ceiling.
2. **Surface mounted luminaires:** Units installed so that in the event of fire, the designed grid expansion provision is not affected.
3. **Modular fluorescent recessed luminaires:** Compatible with ceiling module. Extension boxes must not foul ceiling system.
4. **Recessed rows of luminaires:** Provide flanges for support of grid and infill units, unless mounted above grid flanges. Retain in position with lateral restraint.
5. **Fire-protecting/ resisting ceiling systems:** Luminaires must not diminish protection integrity of ceiling system.
6. **Access:** Provide access for maintenance of luminaires.

67 Mechanical services

1. **Fan coil units**
 - 1.1. **Inlet and outlet grilles:** Trim ceiling grid and infill units to suit.
 - 1.2. **Space beneath:** Sufficient for ceiling system components.
 - 1.3. **Suspension and connections:** Permit accurate setting out and levelling of fan coil units.
2. **Air grilles and diffusers**
 - 2.1. **Setting out:** Accurate and level.
 - 2.2. **Linear air diffusers:** Retain in place with lateral restraint. Provide flanges for support of grid and infill units.
 - 2.3. **Grille/ diffuser ceiling joints:** Provide smudge rings and edge seals.
3. **Smoke detectors and PA speakers**
 - 3.1. **Ceiling infill units:** Scribe and trim to suit.
 - 3.2. **Independent suspension:**
 - 3.3. **Flexible connections:** Required.
4. **Sprinkler heads:** Carefully set out and level.

Completion

80 Tools

1. **Access tools:** At Completion supply one set of the following:

85 Spares

1. **General:** At practical completion, supply the following:

Ω End of Section

L20

Doors/ shutters/ hatches

Clauses

10 Timber procurement

1. Timber (including timber for wood-based products): Obtained from well-managed forests and/ or plantations in accordance with:
 - 1.1. The laws governing forest management in the producer country or countries.
 - 1.2. International agreements such as the Convention on International Trade in Endangered Species of wild fauna and flora (CITES).
2. Documentation: Provide either:
 - 2.1. Documentary evidence (which has been or can be independently verified) regarding the provenance of all timber supplied.
 - 2.2. Evidence that suppliers have adopted and are implementing a formal environmental purchasing policy for timber and wood-based products.
3. Certification scheme: Forest Stewardship Council (FSA)

55 Doorsets Type A

1. Manufacturer: Specialist Door Solutions
Unit 1,Bordon Trading Estate,
Old Station Way,Bordon,Hampshire,
GU35 9HH
 - 1.1. Email: sales@specialistdoorsolutions.com
2. Product Reference: Hygienic Doorset
3. FireResistanceRating: FD30S
4. Sound insulation rating: Not required
5. FSC timber: FSC mixed sources
6. Door leaf:
 - 6.1. Core: 48 mm thick
 - 6.2. Facings: PVC finish
 - 6.3. Lippings: All door leaf vertical edges post formed 8 mm radius
 - 6.4. Meeting stiles: Square, vertical
7. Door frame:
 - 7.1. Timber species: Hardwood
 - 7.2. Colour/ Finish: PVC wrapped
8. Ironmongery: Where applicable:
 - 770533 LWG-2211SSS 102x76mm SSS Ball Bearing Hinges, Square corners grade 13 c/w screws
 - 779905 Dorma TS73V EN 2-4 Overhead Door Closer Silver Finish with Adjustable Backcheck BS EN1154
 - 770540 LWG-4116SSS 60mm Backset Europrofile Mortice Sashlock c/w plastic back box
 - 770541 LWG-4126SSS 60mm Backset Europrofile Mortice Deadlock c/w plastic back box
 - 770543 LWG-4146SSS 60mm Backset Europrofile Mortice Bathroom Lock c/w plastic back box
 - LW17656MK 300x22mm G304 SSS Pull Handle with Screw on Roses

- LW17657MK 19mm G304 SSS Return to Door Safety Pattern Lever Handle on Round Rose with Screw on Cover
- LW17658MK 50mm dia SSS G304 Europrofile Escutcheon with Screw on Cover
- LW17889MK 50mm dia SSS G304 Disabled Bathroom Turn and Release

70 Fire and smoke resistance

1. **Requirement:** Specified performance to be the minimum period attained when tested for integrity in accordance with BS 476-22, BS EN 1634-1 or BS EN 1634-3.
2. Components and assemblies will be marked to the relevant product standard and/ or third party certification rating.

75 Fire resisting/ smoke control doors/ doorsets

1. **Gaps between frames and supporting construction:** Filled as necessary in accordance with door/ doorset manufacturer's instructions.

80 Sealant joints

1. Sealant
 - 1.1. **Manufacturer:** Contractor's choice
 - 1.1.1. **Product reference:** Contractor's choice
 - 1.2. **Colour:** White
 - 1.3. **Application:** As section Z22 to prepared joints. Triangular fillets finished to a flat or slightly convex profile.

85 Fixing ironmongery generally

1. **Fasteners:** Supplied by ironmongery manufacturer.
 - 1.1. **Finish/ Corrosion resistance:** To match ironmongery.
2. **Holes for components:** No larger than required for satisfactory fit/ operation.
3. **Adjacent surfaces:** Undamaged.
4. **Moving parts:** Adjusted, lubricated and functioning correctly at completion.

Ω End of Section

M50

Rubber/ plastics/ cork/ lino/ carpet tiling/ sheeting

Clauses

20 A Vinyl Type A: New

1. Flooring roll
 - 1.1. Manufacturer: [Polyflor Ltd](#)
 - 1.1.1. Contact details
 - 1.1.1.1. Address:

PO Box 3
Radcliffe New Road
Whitefield
Manchester
M45 7NR
 - 1.1.1.2. Telephone: [+44 \(0\)161 767 1122](tel:+44(0)1617671122)
 - 1.1.1.3. Web: www.polyflor.com
 - 1.1.1.4. Email: info@polyflor.com
 - 1.1.2. Product reference: [Palettone SD Sheet](#)
- 1.2. Standard: To BS EN 649 and BS EN ISO 10581.
- 1.3. Use class: To BS EN ISO 10874, class 34 and 43.
- 1.4. Slip potential
 - 1.4.1. Slip resistance value (SRV) (minimum)/ Pendulum test value (PTV) (minimum): R9.
- 1.5. Recycled content: 25%.
- 1.6. Width: 2000 mm.
- 1.7. Thickness: 2.0 mm.
- 1.8. Colour and pattern:

45 Existing floor covering removed

1. **Substrate:** Clear of covering and as much adhesive as possible. Skim with smoothing compound to give smooth, even surface.

65 Laying coverings

1. **Base/ substrate condition:** Rigid, dry, smooth, free from grease, dirt and other contaminants.
2. Use a primer where recommended by adhesive manufacturer. Allow to dry thoroughly.
3. **Adhesive:** As specified, as recommended by covering manufacturer or, as approved.
4. **Conditioning of materials prior to laying:** As recommended by manufacturer.
5. **Environment:** Before, during and after laying, provide adequate ventilation and maintain temperature and humidity approximately at levels which will prevail after building is occupied.
6. **Finished coverings:** Accurately fitted, tightly jointed, securely bonded, smooth and free from air bubbles, rippling, adhesive marks, stains, trowel ridges and high spots.

80 Skirtings Type A

1. Manufacturer: [Polyflor Ltd](#)
 - 1.1. Contact details
 - 1.1.1. Address: PO Box 3
Radcliffe New Road

Whitefield
Manchester
M45 7NR

1.1.2.Telephone: [+44 \(0\)161 767 1122](tel:+441617671122)

1.1.3.Web: www.polyflor.com

1.1.4.Email: info@polyflor.com

1.2. Product reference: [Set-In Coved Skirting \(Set-in coved skirting MC18\)](#)

2. Skirting type: Set in cove.
3. Colour: to match new vinyl flooring

Ω End of Section

M60

Painting/ clear finishing

Clauses

14 Eggshell/ satin paint Type A

1. Manufacturer: Dulux Trade, brand of AkzoNobel
 - 1.1. Web: www.duluxtradepaintexpert.co.uk
 - 1.2. Email: project.support@akzonobel.com
2. Product Reference: Dulux Trade Diamond Eggshell
3. Composition: Acrylic copolymer
4. Sheen: Eggshell
5. Colour: To be confirmed
6. System code: D597 – New plaster/ plasterboard

30 Preparation generally

1. Standard: In accordance with BS 6150.
2. Refer to any pre-existing CDM Health and Safety File and CDM Construction Phase Plan where applicable.
3. Risk assessment and method statement for hazardous materials: Prepare for operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
4. Preparation materials: Types recommended by their manufacturers and the coating manufacturer for the situation and surfaces being prepared.
5. Substrates: Sufficiently dry in depth to suit coating.
6. Efflorescence salts, dirt, grease and oil: Remove.
7. Surface irregularities: Provide smooth finish.
8. Organic growths and infected coatings
 - 8.1. Remove with assistance of biocidal solution.
 - 8.2. Apply residual effect biocidal solution to inhibit regrowth.
9. Joints, cracks, holes and other depressions: Fill with stoppers/ fillers. Provide smooth finish.
10. Dust, particles and residues from preparation: Remove and dispose of safely.
11. Doors, opening windows and other moving parts
 - 11.1. Ease, if necessary, before coating.
 - 11.2. Prime resulting bare areas.

32 Previously coated surfaces generally

1. Preparation: In accordance with BS 6150, clause 11.5.
2. Contaminated or hazardous surfaces: Give notice of:
 - 2.1. Coatings suspected of containing lead.
 - 2.2. Substrates suspected of containing asbestos or other hazardous materials.
 - 2.3. Significant rot, corrosion or other degradation of substrates.
3. Risk assessment and method statement for hazardous materials: Prepare for operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
4. Removing coatings: Do not damage substrate and adjacent surfaces or adversely affect subsequent coatings.
5. Loose, flaking or otherwise defective areas: Carefully remove to a firm edge.

6. Alkali affected coatings: Completely remove.
7. Retained coatings
 - 7.1. Thoroughly clean.
 - 7.2. Gloss-coated surfaces: Provide key.
8. Partly removed coatings: Apply additional preparatory coats.
9. Completely stripped surfaces: Prepare as for uncoated surfaces.

35 Fixtures and fittings

1. Risk assessment and method statement for hazardous materials: Prepare for operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
2. Removal: Before commencing work:
3. Replacement: Refurbish as necessary, refit when coating is dry.

45 Previously painted window frames

1. Paint encroaching beyond glass sight line: Remove.
2. Loose and defective putty: Remove.
3. Putty cavities and junctions between previously painted surfaces and glass: Clean thoroughly.
4. Finishing
 - 4.1. Patch prime, reputty, as necessary and allow to harden.
 - 4.2. Seal and coat as soon as sufficiently hard.

52 Sealing of internal movement joints

1. General: To junctions of walls and ceilings with architraves, skirtings and other trims.
2. Sealant: Water-borne acrylic.
 - 2.1. Manufacturer: Contractor's choice
 - 2.1.1. Product reference: Contractor's choice
 - 2.2. Preparation and application: As section Z22.

61 Coating generally

1. Application standard: In accordance with BS 6150, clause 9.
2. Conditions: Maintain suitable temperature, humidity and air quality.
3. Surfaces: Clean and dry at time of application.
4. Thinning and intermixing: Not permitted unless recommended by manufacturer.
5. Priming coats: Apply as soon as possible on same day as preparation is completed.
6. Finish
 - 6.1. Even, smooth and of uniform colour.
 - 6.2. Free from brush marks, sags, runs and other defects.
 - 6.3. Cut in neatly.
7. Doors, opening windows and other moving parts: Ease before coating and between coats.

Ω End of Section

N10

General fixtures/ furnishings/ equipment

Clauses

30 Shelving system

1. Manufacturer: Contractor's choice
 - 1.1. Product reference: HTM71 system. Submit proposals
2. Dimensions: As drawing
3. Shelves
 - 3.1. Material: Trespa Toplab Base
 - 3.2. Finish/ Colour: White
4. Carcass or frame
 - 4.1. Material: Steel
 - 4.2. Finish/ Colour: Powder-coated, white
5. Components: Manufacturer's standard

80 Sealant

1. Type: Mastic Sealant to all junctions of lab benching
 - 1.1. Manufacturer: Contractor's choice
 - 1.1.1. Product reference: Contractor's choice
 - 1.2. Cure: to manufacturer's recommendation
 - 1.3. Colour: White
2. Other requirements: Fungicidal
3. Application: As section Z22.

Ω End of Section

N13

Sanitary appliances and fittings

Clauses

30A Washbasins with wall-mounted tap

1. **Manufacturers:** Armitage Shanks, BioClad, Delabie
2. **Product Reference:** Contour 21 Back Outlet Washbasin 50cm, No Overflow Or Chainstay Hole, on BioPod IPS Panel by BioClad
3. **Water supply fittings:** Wall Hung Basin
4. **Wastes:** Waste 1¼" plastic swivel plug waste, 80mm unslotted ta
5. **Traps:** Trap 1¼" plastic bottle, 75mm seal, outlet screwed 1¼" BSPmale with compression nut and ring
6. **Taps:** **Delabie** Securitouch EP wall-mounted mixer. Pressure-balancing ceramic cartridge, for anti-scalding safety. Flow rate limited to 5lpm at 3bar. Flat, swiveling under spout L.200mm with hygienic flow straightener. Hygiene control lever. Securitouch thermal insulation to prevent burns. Body and spout with smooth interiors and low water volume (reduces niches where bacteria can develop). SPECIAL WITH IN-LINE CONNECTORS FOR PANEL MOUNTING.
 - Product Reference **2446LEP-SP**

70 Installation generally

1. **Assembly and fixing:** Fix appliances securely to structure, without taking support from pipelines, level and plumb and so that surfaces designed to fall drain as intended.
2. **Jointing and bedding compounds:** Recommended by manufacturers of appliances, accessories and pipes, to form watertight joints between appliances and backgrounds (except cisterns) and between appliances and discharge pipes.

75 Cisterns

1. **Cistern operating components:** Obtain from cistern manufacturer.
2. **Inlet and flushing valves:** Match to pressure of water supply.
3. **Internal overflows:** Into pan, to give visible warning of discharge.
4. **External overflows:** Fix pipes to falls, and locate to give visible warning of discharge. Agree position.

Ω End of Section



Specification created using NBS Chorus