1960-06-15

Synopsis of Talk by Mr. R. Mayne, Architect and Questionnaire Regarding Finishes

College Advisory Committee For The New Building

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15th June, 1960.

Dear Sir or Madam,

Further to my circular of 5th May, 1960, I have pleasure in enclosing herewith copies of

(1) Synopsis of talk given by Mr. R. Mayne, Architect, on "Finishes", and
(2) Questionnaire regarding "Finishes" for rooms in the new building at Kevin Street.

With reference to (2), the Chairman and Secretaries of the various Committees and Sub-Committees, appointed in my Circular of 11th January, 1960, are requested to hold meetings of these Committees as soon as possible and to complete questionnaire form on "Finishes" in duplicate for each room. Additional questionnaire forms are available from the office on request. The completed forms should be returned to Mr. Forde not later than June 30th, 1960.

Yours sincerely,

MARTIN J. CRUIKLEY
(Principal)
CITY OF DUBLIN VOCATIONAL EDUCATION COMMITTEE

COLLEGE OF TECHNOLOGY

KEVIN STREET,

DUBLIN

QUESTIONNAIRE RE "FINISHES"

Room No.

1. Is the room required to be Dust-Proof? __________
   If so, why?

2. Is the room required to be Sound-Proof? __________
   If so, why?

3. Does the room require any special form of Acoustic Treatment? __________
   If so, why?

4. Is the floor of the room required to be insulated? __________
   If so, why?

5.(a) Must the floor of the room be Acid-Resisting? __________
   If so, why?

   (b) Must the floor of the room be Oil or Grease-Proof? __________
       If so, why?

6. Are Anti-vibration mountings required? __________
   If so, why, how many, where and what type?

7. Are blinds required?
   If so, why and what type (e.g. Holland, Venetian, Black-out)

8. What type of glass is required (clear or obscure) _________
   If obscure, why?
9. What type of finishes are required?

<table>
<thead>
<tr>
<th>Type of Finish</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>(a) Floor:</td>
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<td>(b) Wall:</td>
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<td>(c) Dado:</td>
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<td>(d) Ceiling:</td>
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10. Are there any other special requirements not covered in above questions?

11. Any other comments or remarks.
Synopsis of talk to staff by Mr. R. J. Mayne, F.R.I.A.I., May, 1960

A. Jointless Floors:

1. Concrete. Cold, dusts. Attacked by acids, oils, hard to clean, colouring unsatisfactory, hard wearing. 4/6 per yard.

2. Asphalt. Various qualities - can be acid resisting liable to marking from heavy weights - few colours, red, brown, black, warm and quite silent, non dusting - easily repaired - cleaned with soap and water or special polish - hard wearing. 14/- per yard.


4. Magnesite. (Magnesium Oxychloride) Damp proof membrane required, many colours - good appearance - moderately warm - hard and rather noisy - slippery if it was polished - good resistance to cracking and abrasion - not affected by mineral oils, fats and greases. Not suitable in contact with chemical solutions - easily washed. 25/- per yard.

5. Terrazzo. Cold - noisy - non dusting - easily cleaned - large colour range - slippery after soap washing. very hard wearing. 35/- per yard.

B. Sheet Floors:

1. Linoleum. Damp proof membrane required if on ground concrete - quiet to the tread - "moderately warm" - not slippery unless highly polished not attacked by oils and fats and will resist weak acids and water on the surface - will not resist alkalines - should be cleaned with soapless detergents. Excessive water on surface should be avoided - special lino polish should be applied occasionally, to protect against ingrained dirt. Large selection of colours. hard wearing. 30/- per yard.

2. Cork Carpet. Poor wearing under heavy traffic - very few colours - very silent. 37/- per yard.

3. Polyvinyl Chloride (P.V.C.) As "Crestoline" samples similar to lino in appearance - D.P.C. required if on ground floor concrete - Relatively warm - resilient - impervious in a high degree to damp, oils, greases, petrol, alcohols, most chemicals, acids and alkalis and does not support combustion. High resistance to abrasion and indentation - suitable for heavy traffic - good decorative appearance. Some difficulties in cleaning dirty marks best cleaned with thin lubricating and cleaning oil. 32/6 per yard.
4. Rubber. D.F.C. required if laid on ground concrete - moderately warm - silent to the tread - excellent acoustical qualities - not slippery even when highly polished - hard wearing - resistant to water and dilute acids if not left for long periods - but not fats, greases, oils - easily cleaned with ordinary soap from 45/- per yard.

C. Tile and Slab Flooring

1. Asphalt Tile (Thermoplastic) as sample "Acotile" - Bituminous adhesive fixing can be laid direct on ground floor concrete. Wide range of colours - comfortable to the tread. Thermal insulation roughly between concrete and wood. Acid resisting quality available - suitable for workshops - resistant to mineral oils, etc. easy to clean. 22/6 per yard.

2. Quarry Tiles Hard wearing - noisy - cold - Thermal insulation bad - acid and oil resisting, may be affected by alcali - small colour range. 45/- per yards

3. Plain Clay Made from refined natural clay - large colour range - Tiles noisy - cold - excellent wearing qualities - not affected by oils or fats and resistant to most commercial acids and alkalis - unaffected by water. 60/- per yard.

4. Concrete Tiles Noisy - cold - non slip - wide colour range - durable hard wearing - non dusting - attacked by oils and weak acids, unless continuously treated - easy to clean. 32/- per yard.

5. Cork Tiles Small colour range - quiet to tread - excellent acoustical qualities - non slip, even when polished - good wearing - non dusting - resists weak acids and water, but attacked by alkalis and absorbs grease - can be grease proofed - cleaned by polishing with liquid wax emulsion and infrequent washing. 37/6 per yard.

6. Lino Tile Same qualities as sheet lino. 32/6 per yard.

7. P.V.C. Tile " as sheet P.V.C. "Crestoline". (35/-) 28/- per yard.

8. Rubber Tile " as sheet rubber. 50/- per yard.

9. Terrazzo Tile " Jointless Terrazzo. 45/- per yard.

10. Wood Fibre Tile Wood fibre chippings bonded with synthetic resins - hard wearing - warm and relatively quiet - non dusting and non slip - small colour range - moderate appearance - not resistant to chemical solutions and require occasional treatment to prevent impregnation and staining from oils, greases, fats etc. cleaned by polishing, only occasional washing. "Grnwood" type. 25/- per yard.

11. Mosaic Tile Hard wearing - cold - noisy - excellent colour and appearance. 68/- per yard.

12. Marble Tile £10. 0. 0. per yard.

D. Wood Floorings:

1. Hardwood Strip 40/- per yard.

2. Hardwood Block 40/- per yard.
Walls: Generally plaster finish painted except where special acoustic treatment is considered necessary. In workshops plaster may be omitted, particularly where a large number of heavy fixings are required. Sub-divisions of some workshops could be done with mesh screens or glazed partitions.

Dados: Specially required where lower sections of walls can be expected to suffer heavy treatment.

Ceilings: Generally plaster painted but where wastes occur overhead, as from laboratory island benches, sections (or all) may be demountable type.