STATUTORY INSTRUMENTS

1975 No. 404 (S. 51)

BUILDING AND BUILDINGS

The Building Standards (Scotland) Amendment Regulations 1975

Made - - - -	11*th March* 1975
Laid before Parliament	26*th March* 1975
Coming into Operation	21*st April* 1975

In exercise of the powers conferred on me by sections 3 and 24 of and the Fourth Schedule to the Building (Scotland) Act 1959(a) and of all other powers enabling me in that behalf, and having complied with the provisions of section 3(6) of that Act as substituted by section 1 of the Building (Scotland) Act 1970(b), that is to say having consulted the Building Standards Advisory Committee and such other bodies as appear to me to be representative of the interests concerned, I hereby make the following regulations:—

1.—(1) These regulations may be cited as the Building Standards (Scotland) Amendment Regulations 1975, and the Building Standards (Scotland) (Consolidation) Regulations 1971(c) as amended by the Building Standards (Scotland) Amendment Regulations 1973(d) and these regulations may be cited together as the Building Standards (Scotland) Regulations 1971 to 1975.

(2) These regulations shall come into operation on 21st April 1975.

2.—(1) In these regulations, unless the context otherwise requires—

(*a*) "the building standards regulations" means the Building Standards (Scotland) (Consolidation) Regulations 1971 as amended by the Building Standards (Scotland) Amendment Regulations 1973, and other words and expressions have the same meanings as in the building standards regulations;

(*b*) any reference to a Part, regulation or Schedule shall be construed as a reference to a Part or regulation of, or Schedule to, the building standards regulations and any reference to a numbered Table shall be construed as a reference to a Table in Schedule 9 to the building standards regulations.

(2) References in these regulations to any enactment shall be construed as a reference to that enactment as amended by any subsequent enactment, including any enactment in these regulations.

(3) The Interpretation Act 1889(e) shall apply for the interpretation of these regulations as it applies for the interpretation of an Act of Parliament.

(a) 1959 c. 24.
(b) 1970 c. 38.
(c) S.I. 1971/2052 (1971 III, p. 5883).
(d) S.I. 1973/794 (1973 I, p. 2514).
(e) 1889 c. 63.

3. In regulation A3—

(i) for paragraph (4) there shall be substituted the following paragraph—

"(4) Any reference in these regulations to a British Standard or a British Standard Code of Practice shall be construed as a reference to a British Standard or a British Standard Code of Practice published by the British Standards Institution.";

(ii) in paragraph (5) for the words "30th September 1972" there shall be substituted the words "31st August 1974".

4. In regulation D3(3) for the words "regulation D11" there shall be substituted the words "regulations D11 and D12".

5. In regulation D10(7) in proviso (ii) between "1971" and ", and" there shall be inserted the words "and AMD 1288, October 1973".

6. In regulation D13(*b*) for the word "less" there shall be substituted the word "more".

7. In regulation D23(1) for the words "connected to" there shall be substituted the word "serving".

8. In regulation E4(2) between "E3" and ",the" there shall be inserted the words "and the following provisions of this regulation".

9. In regulation E4 after paragraph (2) there shall be added the following paragraph—

"(3) Nothing in this regulation or in regulation E9(6) shall require—

(*a*) a ticket, reception or enquiry office or porter's lodge which is situated within a stairway enclosure in accordance with the provisions of proviso (*b*) to regulation E9(3), to have more than one exit; or

(*b*) a washroom or watercloset comprising or forming part of a storey from which two or more exits are required by this Part and which is situated within a stairway enclosure in accordance with the provisions of proviso (*a*) to regulation E9(3), to have more than one exit, if—

(i) the washroom or watercloset has an external wall containing a window meeting the dimensions specified in regulation E16(3), and

(ii) where the stairway is required by regulation E10 to be a lobby approach stairway, the washroom or watercloset is entered from a ventilated lobby complying with the provisions of regulation E10.".

10. In regulation E5—

(i) sub-paragraph (*c*) of paragraph (1) shall be deleted;

(ii) after paragraph (1) there shall be inserted the following paragraph—

"(1A) For the purposes of paragraph (1)(*a*) of this regulation there shall be held to be two exits from a point on a storey only if either—

(*a*) routes of travel from the said point to any two protected doorways diverge at an angle of not less than 45 degrees, or

(*b*) there is a route of travel from the said point in one direction only for a distance not exceeding that specified in paragraph (1)(*b*) of this regulation and the route of travel then diverges to two protected doorways, the angle of divergence being not less than 45 degrees with an addition of 2·5 degrees for every metre travelled in the one direction from the said point:

Provided that, in either case, nothing in this paragraph shall prevent the angle of divergence being less than 45 degrees, where the divergent routes of travel are protected from each other by a wall or partition having a fire resistance against collapse and passage of flame for a period of not less than one-half hour and having no openings other than self-closing doors with such a fire resistance.".

11. In regulation E6 paragraph (5) shall be deleted.

12. For regulation E9 there shall be substituted the following regulation—

"*Enclosure of stairways and ramps*

E9.—(1) Subject to the following provisions of this regulation, this regulation shall apply to every stairway or ramp forming part of an exit from a storey being neither a stairway nor ramp wholly within a flat nor a stairway to which regulation E1(2) applies.

(2) In this regulation "stairway enclosure" means a protected zone provided in accordance with paragraph (3) below.

(3) The exit stairway or ramp shall be enclosed within a protected zone and except as after-mentioned or in a case falling within the provisos to regulation D11 or D12, no other part of the building containing that stairway or ramp shall be enclosed within that protected zone:

Provided that nothing in this paragraph shall prevent the enclosure within the protected zone of—

(*a*) (i) a washroom or watercloset;

(ii) floor space giving access to the stairway or ramp if such floor space is intended for use solely as a means of passage, and

(*b*) where no part of the building is served by only one exit stairway or ramp, a ticket, reception or enquiry office or porter's lodge, which—

(i) has a floor area not exceeding 10 square metres, and

(ii) has wall and ceiling surfaces to the same classification as is required for the protected zone of an exit by regulation E15(4).

(4) Where a stairway enclosure projects beyond the external wall of a building and is connected thereto by an access passage, landing, balcony or other common service area and any part of the stairway or ramp is not more than 3 metres from the building, then either—

(*a*) the external wall or walls of the building shall conform to the requirements of Part D for fire division walls for a distance equal to the projected width of that part of the stairway enclosure which is less than 3 metres from the external wall of the building, or

(*b*) the external wall or walls of any part of the stairway enclosure, access passage, landing, balcony or other common service area, which is less than 3 metres from the building, shall conform to the requirements of Part D for fire division walls.

(5) Every stairway enclosure shall give access at ground level to an exit to the open air, which exit shall be separate from any other exit to which access is given from any other stairway:

Provided that nothing in this paragraph shall prevent a stairway enclosure giving access to another exit by way of a roof exit which complies with regulation E6(3).

(6) Subject to the provisions of regulation E4 where any storey is by this Part required to have more than one exit, the stairway enclosures provided from that storey shall be so constructed and situated that access may be obtained from any point on that storey to at least two stairway enclosures without passing through any stairway enclosure.

(7) Where from any storey of a building there is access to only one stairway or ramp, any room on that storey, or on a lower storey of that building which gives access to that stairway or ramp, shall be separated from the said stairway or ramp by not less than two self-closing doors having a period of fire resistance of not less than one-half hour against collapse and passage of flame and separated from each other by an enclosed passage which is not less than 1·1 metres in depth.

(8) Where access to a stairway enclosure which is required to have a period of fire resistance of not more than one hour, is from a corridor or lobby, and the corridor or lobby is separated from the remainder of the building by a wall and self-closing doors, having a period of fire resistance of not less than one-half hour, nothing in regulation D5 or D6 shall require the wall between the corridor or lobby and the stairway enclosure to have a period of fire resistance of more than one-half hour against collapse and passage of flame or prevent the said wall from consisting of glazing in timber frames.

(9) Where two stairway enclosures have a common fire division wall there shall be no communication between them other than by not less than two self-closing fire-resisting doors separated by a lobby having walls with a period of fire resistance of not less than that required for the stairway enclosures and being situated not less than 1·1 metres apart.

(10) Where a stairway or ramp forming part of the only exit from an upper storey of a building is continued so as to form part of the exit from any basement storey of the building, that part of the stairway enclosure above the level of the floor of the ground storey shall be separated from that part below the level of the ground storey by a wall having the same fire resistance as the stairway enclosure and containing a self-closing fire-resisting door.

(11) Pipes intended to be used for carrying gaseous fuel shall not be placed within a stairway enclosure.

(12) Nothing in this regulation shall apply to—

(*a*) a stairway or part thereof between a doorway from the building and the adjoining ground if that stairway or part thereof comprises not more than eight rises,

(*b*) a ramp from ground level to the entrance of a ground storey of a building, and

(*c*) a stairway within a house of occupancy sub-group A2 where any wall, or as the case may be any floor, separating the kitchen and living room from the stairway has a period of fire resistance of not less than one-half hour, any opening in such a wall being protected by a self-closing door having a period of fire resistance of not less than one-half hour.".

13. In regulation F4(1) in proviso (i) for "1967" there shall be substituted "1973".

14. In regulation F5(4)(*a*) for the words "1·5 metres" there shall be substituted the words "1·0 metres".

15. In regulation F10(1)—

(i) in sub-paragraph (*a*)(iii) there shall be added at the end the words "as read with Amendment AMD 1202, June 1973";

(ii) in sub-paragraph (*a*)(iv) there shall be added at the end the words "as read with Amendment AMD 1202, June 1973".

16. In regulation F20A—

(i) in paragraph (2) between "1970" and "provided" there shall be inserted the words "as read with Amendments AMD 749, June 1971 and AMD 919, March 1972";

(ii) in paragraph (5) there shall be added at the end the words "as read with Amendments AMD 749, June 1971 and AMD 919, March 1972".

17. In regulation J1 for paragraph (1) there shall be substituted the following paragraph—

"(1) This Part shall apply only to a building of occupancy group A except that it shall not apply to—

(*a*) any temporary building of occupancy sub-group A3 or A4;

(*b*) any hospital or sanatorium;

(*c*) the roof, external wall or floor of any ancillary accommodation (including a garage, store, wash-house or watercloset) which forms part of a building of occupancy group A and is entered from outside whether or not it is also entered from inside the building;

(*d*) the roof, external wall or floor of a sun porch;

(*e*) the wall between a partially enclosed space and the external air where the wall contains permanent vents having an aggregate area exceeding 30 per cent of its total area;

(*f*) the roof, external wall or floor of a common passage, stairway, landing or other common space in a building of occupancy sub-group A1 or A2.".

18. In regulation J2 after the words "In this Part" there shall be inserted the words—

'"permanent vent" means an opening or duct which communicates with the external air and is designed to allow the passage of air at all times.'.

19. In regulation J3—

(i) in paragraph (1)—

(*a*) for the words "of occupancy group A" there shall be substituted the words "to which this Part applies";

(*b*) for the figures "1·1" there shall be substituted the figures "0·60";

(ii) in paragraph (3) for the words "of occupancy group A" there shall be substituted the words "to which this Part applies".

20. For regulation J4 there shall be substituted the following regulation—

"**Walls*

J4—(1) For the purposes of this regulation—

(*a*) an external wall shall be—

(i) a wall of a building which is exposed to the external air, and

(ii) a wall of a building which is exposed to a partially enclosed space where the wall between the space and the external air contains permanent vents having an aggregate area exceeding 30 per cent of its total area;

(*b*) "wall" shall include any internal or external surface finishes thereon and subject to paragraph (5) hereof the sum of the surface resistance of the internal and external surfaces shall be assumed to be 0·18;

(*c*) "opening" shall include a glazed or unglazed door, a ventilator and a window or other glazed opening, and

(*d*) any reference to a part of a wall shall mean a part comprising a section of the complete structure of the wall including any internal or external surface finishes thereon.

(2) The perimeter walls of a building to which this Part applies shall be so constructed that the average thermal transmittance coefficient over the area of all such walls (including any opening therein) is not more than 1·8.

For the purposes of this paragraph—

(*a*) the perimeter walls of a building to which this Part applies shall mean all the walls which together enclose—

(i) in the case of a building of occupancy sub-group A1 or A2, all parts of each house (including any associated accommodation referred to in column (3) of Schedule 2) which comprises, or forms part of, the building,

(ii) in any other case, all parts of the building,

excluding any part of the building referred to in paragraph (1)(*c*) to (*e*) of regulation J1;

(*b*) in calculating the average thermal transmittance coefficient—

(i) the thermal transmittance coefficient of any internal wall (including any opening therein) which separates buildings or parts of buildings to which this Part applies, not being a wall referred to in paragraph (4)(*b*) or (*c*) of this regulation, shall be assumed to be 0·5, and

(ii) in the case of any other wall, including any such wall referred to in paragraph 4(*b*) or (*c*) of this regulation—

(A) the thermal transmittance coefficient of any window or other glazed opening, including the glazed part of a glazed door, shall be assumed to be 5·7 if the opening has single glazing and 2·8 if the opening has double glazing, and

(B) the thermal transmittance coefficient of any other opening, including an unglazed door or unglazed part of a glazed door, shall be assumed to be equivalent to that of the wall in which it is situated.

(3) Every part of an external wall of a building to which this Part applies (excluding any opening therein) shall be so constructed that the thermal transmittance coefficient is not more than 1·0.

(4) Every part of an internal wall (excluding any opening therein) which separates—

(*a*) a building to which this Part applies from a building to which this Part does not apply, or

(*b*) in the case of a building of occupancy sub-group A1 or A2, a house (including any associated accommodation referred to in column (3) of Schedule 2) from a common passage, stairway, landing, or other common space, or

(*c*) any part of a building to which this Part applies from any part of the building referred to in paragraph (1)(*c*) or (*d*) of regulation J1,

shall be so constructed that the thermal transmittance coefficient thereof is not more than 1·7.

(5) In any building to which this Part applies every part of a wall (excluding any opening therein) which separates a room constructed wholly or partly in the roof from the roof space shall be so constructed that when the sum of the surface resistances of the internal surface of the wall and the external surface of the roof is assumed to be 0·18, the thermal transmittance coefficient of the wall in conjunction with the roof is not more than 1·0.

For the purposes of this paragraph "wall" shall include any partition.".

21. In regulation J5—

(i) in paragraph (1) for the words "of occupancy group A" there shall be substituted the words "to which this Part applies";

(ii) in paragraph (2)—

(*a*) for the words "of occupancy group A" there shall be substituted the words "to which this Part applies";

(*b*) for the words "open air" there shall be substituted the words "external air, or to a partially enclosed space where the wall between the said space and the external air contains permanent vents having an aggregate area exceeding 30 per cent of its total area,";

(*c*) for the figures "1·1" there shall be substituted the figures "1·0".

22. After regulation J5 there shall be added the following regulation—

"**Control of interstitial condensation*

J6—In every building to which this Part applies those parts of the structure to which regulations J3 and J4(3) apply shall be so designed and composed of such materials as to prevent, so far as is reasonably practicable, damage to any part of the building as a result of the passage of moisture in the form of vapour from the interior of the building into its structure.".

23. In regulation M4 for paragraph (5) there shall be substituted the following paragraph—

"(5) There shall be provided on the drain such number of manholes, access chambers, bowls, rodding points or other such means of access, any of which may serve more than one building, as are necessary for the inspection and cleaning of the drain, the relief of internal flooding from surcharge and the removal of debris therefrom.".

24. In regulation Q2 (3A) in sub-paragraph (*c*) the word "minimum" shall be deleted.

25. In regulation S2(1) in the definition of "stair" the words "walls" and "or railings" shall be deleted.

26. In regulation S2(2)—

(i) in sub-paragraph (*a*) for the word "handrails" there shall be substituted the words "any handrail required by these regulations";

(ii) for sub-paragraph (*b*) there shall be substituted—

"(*b*) a private stairway or other stairway shall be taken to be the unobstructed width of the stair plus 90 millimetres, provided that in the measurement of an unobstructed width no account shall be taken of any stringer 30 millimetres or less in width.".

27. In the table to regulation S4—

(i) in head A—

(*a*) in column (4) for the present entry there shall be substituted—

"The unobstructed width shall be not less than—

(*a*) 800 millimetres, or

(*b*) 600 millimetres if the stairway provides access only—

(i) to one room not being a living room or kitchen, or

(ii) to a bathroom, washroom or watercloset.";

(*b*) in column (5) for the present entry there shall be substituted—

"The unobstructed width shall be not less than 600 millimetres.";

(ii) in head C, in column (1) after the word "Pitch" there shall be added the words", other than for tapered treads.";

(iii) in head D—

(*a*) in column (4) for the present entry there shall be substituted—

"Not fewer than 3 and not more than 16:

Provided that at the foot of a stair where there is a landing meeting the requirements of regulation S5 nothing in this regulation shall prevent there being a single rise to the landing from the adjoining level if the route of travel from the rise to the stair passes through an angle of 90 degrees.";

(*b*) in column (5) for the present entry there shall be substituted—

"Not fewer than 3 and not more than 16.";

(iv) in head G for the present entry there shall be substituted the following—

Head (1)	Exit stairways (2)	Access stairways (3)	Private stairways (4)	Other stairways (5)
"G.—Tapered treads— (*a*) Going and aggregate of going and twice the rise. Consecutive tapered treads of different lengths shall be deemed to have a length equal to the length of the shortest part of the treads. The said deemed length shall be measured from the tapered ends of the treads. (*b*) Pitch.	(*a*) Going and aggregate of going and twice the rise—as for heads E and F above but— (i) they shall be measured at the points 270 millimetres from each end of the tread or where applicable the deemed length, and (ii) the angle formed by the nosing of the tread with the nosing of the tread or landing immediately above it, shall be not more than— (A) 10 degrees in buildings in occupancy group C and occupancy sub-groups A3 and A4, or (B) 15 degrees in any other building.	(*a*) Going and aggregate of going and twice the rise—as for heads E and F above but— (i) they shall be measured as for exit stairways, and (ii) the angle formed by the nosing of the tread with the nosing of the tread or landing immediately above it, shall be not more than 15 degrees.	(*a*) Going and aggregate of going and twice the rise—as for heads E and F above but— (i) they shall be measured— (A) where the stair is not more than 1 metre wide, along the centre line of the stair, and (B) in any other case as for exit stairways, and (ii) where the stair is not more than 1 metre wide the going shall be not less than 75 millimetres. (*b*) Pitch shall not exceed 42 degrees and shall be measured at the same points as in (*a*) above.	(*a*) Going and aggregate of going and twice the rise—as for heads E and F above but they shall be measured as for private stairways. (*b*) Pitch—as for head C above but it shall be measured at the same points as in (*a*) above.".

28. In regulation S5 for paragraph (1) there shall be substituted—

"(1) A landing forming part of a stairway shall be of an unobstructed width not less than that required for the stair forming part of that stairway by head A of the table in regulation S4.".

29. In regulation S6 after paragraph (1) there shall be inserted the following paragraph—

"(1A) A balcony forming part of a stairway shall be of an unobstructed width not less than that required for the stair forming part of that stairway by head A of the table in regulation S4.".

30. In Schedule 9—

(i) in Table 3—

(*a*) in Part VI(1)—

(A) in head A1(*b*) at the end there shall be added "and AMD 1135, April 1973 and as read with Supplement No. 1 (PD 3343, May 1959) to BS 449: Part 1: 1970 as the said Supplement is amended by AMD 734, May 1971 and with Addendum No. 1 (PD 4064, 1961) to BS 449: Part 1: 1970 as the said Addendum is amended by PD 4390, November 1961 and AMD 735, May 1971.";

(B) in head A4 (Sprayed asbestos)—

(1) before the figure "4" there shall be inserted "¶";

(2) for the figures "44 32 19 15 10" there shall be substituted the figures "70 50 30 25 20";

(C) in head B7 (Metal lath with sprayed asbestos)—

(1) before the figure "7" there shall be inserted "¶";

(2) for the figures "44 32 19 15 10" there shall be substituted the figures "70 50 30 25 20";

(D) at the end there shall be added the following footnote—

"¶This minimum thickness is applicable only to I Sections not exceeding 200 millimetres by 200 millimetres in size.";

(*b*) in Part VI(2)—

(A) in head A1(*b*) at the end there shall be added "and AMD 1135, April 1973 and as read with Supplement No. 1 (PD 3343, May 1959) to BS 449: Part 1: 1970 as the said Supplement is amended by AMD 734, May 1971 and with Addendum No. 1 (PD 4064, 1961) to BS 449: Part 1: 1970 as the said Addendum is amended by PD 4390, November 1961 and AMD 735, May 1971.";

(B) in head A2 (Sprayed asbestos)—

(1) before the figure "2" there shall be inserted "‖";

(2) for the figures "44 32 19 15 10" there shall be substituted the figures "70 50 30 25 20";

(C) in head B4 (Metal lathing with sprayed asbestos)—

(1) before the figure "4" there shall be inserted "‖";

(2) for the figures "44 32 19 15 10" there shall be substituted the figures "70 50 30 25 20";

(D) in head B7 for "1963" there shall be substituted "1972";

(E) at the end there shall be added the following footnote—

"‖This minimum thickness is applicable only to I Sections not exceeding 200 millimetres by 200 millimetres in size.";

(*c*) in Part VII head A1 (Sprayed asbestos) for the figures "48 32 19 10" there shall be substituted the figures "60 40 25 15";

(ii) in Table 4—

(*a*) for the figures "900" in column (5) against occupancy sub-group E2 there shall be substituted the figures "1000";

(*b*) in the footnote†—

(A) for the figures "1800" there shall be substituted the figures "2000";

(B) for the words "30th September 1972" there shall be substituted the words "31st August 1974";

(iii) in Table 6, Part II for the figures "900" and "1800" in column (3) against occupancy sub-group E2 there shall be substituted respectively the figures "1000" and "2000".

31. In Schedule 10 in head B (Specifications)—

(i) in the Specifications for regulation B1—

(*a*) in paragraph (*b*) in the first Specification between the words "Practice†," and "and" there shall be inserted "as if, in relation to structural work, including foundations, any provisions in the said Code of Practice by virtue of which high alumina cement may be used were omitted,";

(*b*) in the footnote to the said Specifications, for the words "30th September 1972" there shall be substituted "31st August 1974";

(ii) in Specifications (1) and (2) for regulation C2(1) at the end of each Specification there shall be added "as if any provisions in the said Code of Practice by virtue of which high alumina cement may be used were omitted.";

(iii) in the Specifications for regulation C2(2)—

(*a*) in Specification (1) at the end there shall be added "and AMD 1135, April 1973 and as read with Supplement No. 1 (PD 3343, May 1959) to BS 449: Part 1: 1970 as the said Supplement is amended by AMD 734, May 1971 and with Addendum No. 1 (PD 4064, 1961) to BS 449: Part 1: 1970 as the said Addendum is amended by PD 4390, November 1961 and AMD 735, May 1971.";

(*b*) in Specification (2) at the end there shall be added "as read with Amendment AMD 1552, August 1974.";

(*c*) in Specification (3) at the end there shall be added "as read with Amendment AMD 1265, September 1973.";

(*d*) in Specification (4) at the end there shall be added "as if any provisions in the said Code of Practice by virtue of which high alumina cement may be used were omitted.";

(*e*) in Specification (5) at the end there shall be added "as if any provisions in the said Code of Practice and Explanatory Memorandum by virtue of which high alumina cement may be used were omitted.";

(*f*) in Specification (6) at the end there shall be added "as read with Amendment AMD 1551, August 1974.";

(*g*) in Specification (7) at the end there shall be added "as read with Amendment AMD 1129, March 1973.";

(*h*) in Specification (8) between "1969" and "and" there shall be inserted "as read with Amendment AMD 1550, August 1974.";

(*j*) in Specification (9) at the end there shall be added "as if any provisions in the said Codes of Practice by virtue of which high alumina cement may be used were omitted.";

(iv) in the Specification for regulation D23(6)—as to design and construction—for the words from "BS 2654: Part 1: 1965" to the end there shall be substituted "BS 2654: 1973";

(v) in the Specification for regulation F4(1)(*a*) for "1964" there shall be substituted "1973";

(vi) in Specification (2) for regulation F29 after the words "PD 5667, October 1965" there shall be added "and AMD 1375, February 1974 or";

(vii) in Specification (*a*) for regulation G2 for the words from "BS 2760:" to "1970" there shall be substituted "BS 2760: 1973";

(viii) in the Specifications for regulation G7—

(*a*) in Specification (4)(*b*)(i) for the words from "BS 146: 1958" to "March 1967" there shall be substituted "BS 146: Part 2: 1973";

(*b*) in Specification (4)(*b*)(ii) between "1965" and ",and" there shall be inserted the words "and BS 882: Part 2: 1973";

(ix) in the Specifications for regulation G8—

(*a*) in Specification (6)(*b*)(iii) for the words from "BS 1162" to "January 1970" there shall be substituted "BS 1162, 1418, 1410: 1973 or BS 988, 1076, 1097, 1451: 1973";

(*b*) in Specification (16)(*b*) for the words "Part 7: 1965" there shall be substituted "Part 15: 1973";

(*c*) in Specification (17) for "Part 2: 1961" there shall be substituted "Part 10: 1973";

(*d*) in Specification (22)(*b*) for "1966" there shall be substituted "1974";

(x) in Specifications (2), (3) and (4)(*b*) for regulations H2(1) and H2(2) for the words "CP3: Chapter III: Part 2: 1972" there shall be substituted "CP3: Chapter III: 1972 as read with Amendment AMD 1385, March 1974";

(xi) for the entry for regulation J3(1) there shall be substituted the following entry—

Provision of regulation deemed to be satisfied	Element of structure or fitting	Case dealt with or relevant conditions	Specification
"J3(1)—as to thermal insulation and J6—as to control of interstitial condensation	Roof	Pitched roof of framed construction of 20° or more— (*a*) with the roof space sealed from the external wall cavity, and (*b*) having a covering of slates or tiles on roofing felt on boarding not less than 12·5 millimetres thick	(1) Any of the following layers of insulation— (*a*) mat of mineral wool or glass fibre, 50 millimetres thick, or (*b*) expanded plastic sheeting, 50 millimetres thick and having a density not exceeding 80 kilogrammes per cubic metre, laid on and in contact with the ceiling with an air space between the insulation and the roof boarding.
		Pitched roof of framed construction of less than 20°— (*a*) with the roof space sealed from the external wall cavity, (*b*) having a covering of slates or tiles on roofing felt on boarding not less than 12·5 millimetres thick, (*c*) with tiling, battens, counter-battens and double layer felt as required to meet exposure conditions, and (*d*) the roof space having ventilation openings at eaves level at the rate of 300 square millimetres per 300 millimetres of the length of the eaves	(2) Any of the following layers of insulation— (*a*) mat of mineral wool or glass fibre, 50 millimetres thick, or (*b*) expanded plastic sheeting, 50 millimetres thick and having a density not exceeding 80 kilogrammes per cubic metre, laid on a vapour check placed in contact with the ceiling of 250 gauge polyethylene or similar sheeting having a vapour resistance of not less than 15 meganewtons per gramme, with an air space between the insulation and the roof boarding.
		Pitched or flat roof of timber construction— (*a*) with the roof space sealed from the external wall cavity, and (*b*) having any waterproof material bonded to a layer of insulation on top of a bituminous felt vapour barrier fixed to boarding not less than 25 millimetres thick	(3) Any of the following layers of insulation— (*a*) fibre insulation board not less than 75 millimetres thick, or (*b*) foamed or expanded plastic sheeting 50 millimetres thick and having a density not exceeding 80 kilogrammes per cubic metre, or (*c*) resin bonded glass or mineral wool slabs 50 millimetres thick, the entire surface of which is bonded to a vapour barrier of bituminous felt which complies with BS 747: Part 2:1970 (Section 1·5 Type 1C) having a weight of not less than 13 kilogrammes per 10 square

Provision of regulation deemed to be satisfied	Element of structure or fitting	Case dealt with or relevant conditions	Specification
J3(1)—as to thermal insulation and J6—as to control of interstitial condensation—cont.	Roof—cont.		metres and nailed or bonded to the boarding or sarking in accordance with CP144: Part 3:1970; the roof thus formed has the structural deck left exposed on the underside or is in conjunction with a ceiling having no insulation laid thereon.
		Pitched or flat roof of in situ or pre-cast dense concrete with any waterproof covering and a ceiling comprising any kind of board lining backed by a polyethylene membrane and fixed to branders not less than 19 millimetres thick secured to the underside of the concrete	(4) Any of the layers of insulation specified in Specification (3) laid between the concrete and the waterproof covering with a bituminous felt vapour barrier as in Specification (3) laid over the concrete and under the insulation.
		Pitched or flat roof of in situ or pre-cast dense concrete with any waterproof covering and a ceiling comprising any kind of board lining backed by a polyethylene membrane and fixed to branders not less than 19 millimetres thick secured to the underside of the concrete	(5) Extruded plastic sheeting 50 millimetres thick or any insulating material not affected by water, having a density not exceeding 80 kilogrammes per cubic metre, loose laid over the waterproof covering and weighed down with either 50 millimetres thick gravel or precast concrete slabs.
		Pitched or flat roof of pre-cast autoclaved aerated concrete, 150 millimetres thick, having a bulk dry density not exceeding 650 kilogrammes per cubic metre, with any waterproof covering	(6) Expanded plastic sheeting 20 millimetres thick, having a density not exceeding 80 kilogrammes per cubic metre, laid between the concrete and the waterproof covering and with a bituminous felt vapour barrier as in Specification (3) laid over the concrete and under the insulation.";

(xii) for the entry for regulation J4(1) there shall be substituted the following entry—

Provision of regulation deemed to be satisfied	Element of structure or fitting	Case dealt with or relevant conditions	Specification
"J4(2)—as to thermal insulation	Perimeter wall including any opening therein	The external wall (excluding any opening therein) in any case relative to a Specification for regulations J4(3) and J6 conforms with that Specification or it consists wholly of glazing	(*a*) The external wall (excluding any opening therein) has a thermal transmittance coefficient (hereinafter referred to as a U-value) as stated at the head of any one of the following tables; (*b*) the total area of internal perimeter walls assumed in terms of regulation J4(2)(*b*)(ii) to have a U-value of 0·5, comprises any percentage of the total area of perimeter walls (including any opening therein) specified in column (1) of that table; (*c*) the total area of internal perimeter walls (including any opening therein) which are required by regulation J4(4) to have a U-value (excluding any opening therein) of not more than 1·7, comprises any percentage of the total area of perimeter walls (including any opening therein) specified in column (2) of that table; (*d*) the percentage of the glazing in the external walls which is single or double glazing is one of the percentages specified in column (3) of that table; (*e*) the total aggregate area of glazing in the external walls comprises a percentage of the total area of the external walls (including any opening therein) not exceeding the percentage specified in column (4) opposite and in relation to the percentages specified in the said columns (1), (2) and (3) of that table—

TABLE

(maximum percentage areas of glazing in relation to area of external walls)

External walls, excluding any opening therein, in the cases relative to and conforming with Specifications 1(*a*), 2(*c*), 3(*c*), 5(*a*), 7(*a*), 11(*a*), 12(*a*), 13(*c*) and 14(*c*) for regulations J4(3) and J6 having a U-value of 1·0.

(Area of internal perimeter walls required to have a U-value of not more than 1·7—as a percentage of total area of perimeter walls, including any opening therein)	(Percentage of glazing in external walls which is single or double glazing)	(Area of internal perimeter walls assumed to have a U-value of 0·5—as a percentage of total area of perimeter walls, including any opening therein) (1)						
		0	10	20	30	40	50	60
(2)	(3)*	(Maximum aggregate area of glazing in external walls—as a percentage of total area of external walls, including any opening therein) (4)						
0	a	17	20	23	29	36	45	59
	b	19	23	27	33	41	51	67
	c	23	26	31	38	47	59	78
	d	27	31	37	46	56	70	92
	e	33	39	46	56	69	87	100
	f	43	51	60	74	91	100	100
10	a	17	21	25	31	39	53	73
	b	20	24	29	36	45	60	83
	c	23	28	34	42	52	69	96
	d	27	33	40	49	62	83	100
	e	34	41	49	61	77	100	100
	f	44	53	65	80	100	100	100
20	a	18	22	27	34	45	65	100
	b	20	25	31	39	51	74	100
	c	23	28	36	45	59	86	100
	d	27	34	42	54	70	100	100
	e	34	42	52	67	87	100	100
	f	45	55	69	88	100	100	100
30	a	18	23	30	39	56	90	100
	b	20	26	34	45	62	100	100
	c	24	30	39	52	72	100	100
	d	28	36	46	62	85	100	100
	e	35	44	57	77	100	100	100
	f	46	58	75	100	100	100	100
40	a	19	24	33	48	77	100	100
	b	21	28	38	54	88	100	100
	c	25	32	44	63	100	100	100
	d	29	38	52	75	100	100	100
	e	36	47	65	92	100	100	100
	f	47	62	85	100	100	100	100

*Key to column 3—

a represents 100% single glazing
b ,, 20% double glazing
c ,, 40% double glazing
d ,, 60% double glazing
e ,, 80% double glazing
f ,, 100% double glazing

TABLE

(maximum percentage areas of glazing in relation to area of external walls)

External walls, excluding any opening therein, in the cases relative to and conforming with Specifications 1(*b*), 2(*a*), 3(*a*), 5(*b*)(i), 6(*c*), 11(*b*), 12(*b*) and 14(*a*) for regulations J4(3) and J6 having a U-value of 0·9.

(Area of internal perimeter walls required to have a U-value of not more than 1·7—as a percentage of total area of perimeter walls, including any opening therein)	(Percentage of glazing in external walls which is single or double glazing)	(Area of internal perimeter walls assumed to have a U-value of 0·5—as a percentage of total area of perimeter walls, including any opening therein) (1)						
		0	10	20	30	40	50	60
		(Maximum aggregate area of glazing in external walls—as a percentage of total area of external walls, including any opening therein) (4)						
(2)	(3)*							
0	a	19	22	25	31	37	46	60
	b	21	25	29	35	42	52	68
	c	25	29	33	40	49	60	78
	d	29	34	39	47	57	71	93
	e	36	41	48	58	71	88	100
	f	46	54	62	75	91	100	100
10	a	19	23	27	33	41	54	73
	b	22	26	31	37	47	61	83
	c	25	30	35	43	54	70	96
	d	30	35	42	51	64	83	100
	e	36	43	51	63	78	100	100
	f	47	56	66	81	100	100	100
20	a	19	23	28	36	46	65	100
	b	22	26	32	41	52	74	100
	c	26	30	37	47	60	86	100
	d	30	36	44	56	71	100	100
	e	37	44	54	68	88	100	100
	f	48	57	70	88	100	100	100
30	a	20	24	31	41	57	90	100
	b	22	28	35	46	65	100	100
	c	26	32	41	54	75	100	100
	d	31	38	48	63	89	100	100
	e	37	46	59	77	100	100	100
	f	48	60	76	100	100	100	100
40	a	20	26	35	49	77	100	100
	b	23	29	39	55	88	100	100
	c	27	34	46	64	100	100	100
	d	31	40	54	76	100	100	100
	e	39	49	66	93	100	100	100
	f	50	64	86	100	100	100	100

*Key to column 3—

a represents 100% single glazing
b „ 20% double glazing
c „ 40% double glazing
d „ 60% double glazing
e „ 80% double glazing
f „ 100% double glazing

TABLE

(maximum percentage areas of glazing in relation to area of external walls)

External walls, excluding any opening therein, in the cases relative to and conforming with Specifications 2(*b*), 3(*b*), 4(*a*), 4(*b*), 6(*a*), 6(*b*), 8(*a*), 9(*a*) and 13(*a*) for regulations J4(3) and J6 having a U-value of 0·8.

(Area of internal perimeter walls required to have a U-value of not more than 1·7—as a percentage of total area of perimeter walls, including any opening therein)	(Percentage of glazing in external walls which is single or double glazing)	(Area of internal perimeter walls assumed to have a U-value of 0·5—as a percentage of total area of perimeter walls, including any opening therein) (1)						
		0	10	20	30	40	50	60
		(Maximum aggregate area of glazing in external walls—as a percentage of total area of external walls, including any opening therein) (4)						
(2)	(3)*							
0	a	20	23	27	32	38	48	60
	b	23	26	30	36	43	53	68
	c	27	30	35	42	50	62	79
	d	31	36	41	49	59	72	93
	e	38	44	50	60	72	88	100
	f	49	56	64	76	92	100	100
10	a	21	24	28	34	42	55	74
	b	23	27	32	39	48	62	84
	c	27	32	37	45	55	71	96
	d	32	37	44	53	65	84	100
	e	39	45	53	64	79	100	100
	f	50	58	68	82	100	100	100
20	a	21	25	30	37	47	66	100
	b	24	28	34	42	53	75	100
	c	28	32	39	48	62	86	100
	d	32	38	46	57	72	100	100
	e	39	46	56	69	88	100	100
	f	50	59	72	89	100	100	100
30	a	21	26	32	42	58	90	100
	b	24	29	37	48	66	100	100
	c	28	34	42	55	76	100	100
	d	33	40	50	64	89	100	100
	e	40	48	61	78	100	100	100
	f	51	62	77	100	100	100	100
40	a	22	27	36	50	78	100	100
	b	25	31	41	56	88	100	100
	c	29	36	47	65	100	100	100
	d	34	42	55	76	100	100	100
	e	41	51	67	93	100	100	100
	f	52	66	86	100	100	100	100

*Key to column 3—

a represents 100% single glazing
b ,, 20% double glazing
c ,, 40% double glazing
d ,, 60% double glazing
e ,, 80% double glazing
f ,, 100% double glazing

TABLE

(maximum percentage areas of glazing in relation to area of external walls)

External walls, excluding any opening therein, in the cases relative to and conforming with Specifications 4(*c*), 5(*b*)(ii), 5(*b*)(iii), 7(*b*)(i), 7(*b*)(ii), 9(*b*), 9(*c*) and 10(*a*) for regulations J4(3) and J6 having a U-value of 0·7.

(Area of internal perimeter walls required to have a U-value of not more than 1·7—as a percentage of total area of perimeter walls, including any opening therein)	(Percentage of glazing in external walls which is single or double glazing)	(Area of internal perimeter walls assumed to to have a U-value of 0·5—as a percentage of total area of perimeter walls, including any opening therein) (1)						
		0	10	20	30	40	50	60
		(Maximum aggregate area of glazing in external walls—as a percentage of total area of external walls, including any opening therein) (4)						
(2)	(3)*							
0	a	22	25	29	33	40	48	61
	b	25	28	32	38	45	54	69
	c	29	32	37	43	51	63	79
	d	34	38	44	51	60	73	93
	e	41	46	53	61	73	89	100
	f	51	58	67	78	92	100	100
10	a	22	26	30	36	43	55	75
	b	25	29	34	40	49	62	84
	c	29	33	39	46	56	72	96
	d	34	39	45	54	65	84	100
	e	41	47	55	65	80	100	100
	f	52	60	70	83	100	100	100
20	a	22	26	31	39	49	67	100
	b	26	30	36	44	54	76	100
	c	29	34	41	50	63	87	100
	d	34	40	48	59	73	100	100
	e	42	48	58	71	88	100	100
	f	53	61	73	90	100	100	100
30	a	23	28	34	43	59	90	100
	b	26	31	38	49	66	100	100
	c	30	36	44	56	76	100	100
	d	35	42	51	66	89	100	100
	e	42	51	62	79	100	100	100
	f	53	64	79	100	100	100	100
40	a	23	29	37	51	78	100	100
	b	27	33	42	57	88	100	100
	c	30	38	48	66	100	100	100
	d	36	44	56	77	100	100	100
	e	43	53	68	93	100	100	100
	f	55	67	86	100	100	100	100

*Key to column 3—

a represents 100% single glazing
b ,, 20% double glazing
c ,, 40% double glazing
d ,, 60% double glazing
e ,, 80% double glazing
f ,, 100% double glazing

TABLE

(maximum percentage areas of glazing in relation to area of external walls)

External walls, excluding any opening therein, in the cases relative to and conforming with Specifications 8(*b*)(i), 8(*b*)(ii), 10(*b*), 10(*c*) and 14(*b*) for regulations J4(3) and J6 having a U-value of 0·6.

(Area of internal perimeter walls required to have a U-value of not more than 1·7—as a percentage of total area of perimeter walls, including any opening therein)	(Percentage of glazing in external walls which is single or double glazing)	(Area of internal perimeter walls assumed to have a U-value of 0·5—as a percentage of total area of perimeter walls, including any opening therein) (1)						
		0	10	20	30	40	50	60
		(Maximum aggregate area of glazing in external walls—as a percentage of total area of external walls, including any opening therein) (4)						
(2)	(3)*							
0	a	24	26	30	35	41	49	62
	b	27	30	34	39	46	55	70
	c	30	34	38	45	53	63	80
	d	36	40	44	52	61	74	93
	e	43	48	53	63	74	89	100
	f	54	60	67	79	92	100	100
10	a	24	27	31	37	44	56	75
	b	27	31	35	41	50	63	84
	c	31	35	40	47	57	73	96
	d	36	41	47	55	67	85	100
	e	43	49	57	67	80	100	100
	f	54	62	71	83	100	100	100
20	a	24	28	33	40	49	68	100
	b	27	31	37	45	55	81	100
	c	31	36	42	51	63	92	100
	d	36	42	49	59	74	100	100
	e	44	50	59	72	89	100	100
	f	55	63	74	90	100	100	100
30	a	24	29	35	44	60	94	100
	b	27	32	39	50	67	100	100
	c	31	37	45	57	77	100	100
	d	37	43	53	67	90	100	100
	e	44	52	63	80	100	100	100
	f	55	65	79	100	100	100	100
40	a	25	30	39	52	79	100	100
	b	28	34	43	58	89	100	100
	c	32	39	50	67	100	100	100
	d	38	46	58	78	100	100	100
	e	45	55	70	94	100	100	100
	f	57	69	88	100	100	100	100

*Key to column 3—

a represents 100% single glazing
b ,, 20% double glazing
c ,, 40% double glazing
d ,, 60% double glazing
e ,, 80% double glazing
f ,, 100% double glazing

TABLE

(maximum percentage areas of glazing in relation to area of external walls)

External walls, excluding any opening therein, in the case relative to and conforming with Specification 13(*b*) for regulations J4(3) and J6 having a U-value of 0·5.

(Area of internal perimeter walls required to have a U-value of not more than 1·7—as a percentage of total area of perimeter walls, including any opening therein)	(Percentage of glazing in external walls which is single or double glazing)	(Area of internal perimeter walls assumed to have a U-value of 0·5—as a percentage of total area of perimeter walls, including any opening therein) (1)						
		0	10	20	30	40	50	60
		(Maximum aggregate area of glazing in external walls—as a percentage of total area of external walls, including any opening therein) (4)						
(2)	(3)*							
0	a	25	28	31	36	42	50	63
	b	28	31	35	40	47	56	70
	c	32	36	40	46	54	65	81
	d	37	41	46	53	62	75	93
	e	45	49	55	64	75	89	100
	f	56	62	70	79	93	100	100
10	a	25	29	33	38	46	57	76
	b	28	32	37	43	51	64	85
	c	32	37	42	49	58	73	97
	d	38	43	49	57	68	85	100
	e	45	51	58	68	81	100	100
	f	56	63	72	84	100	100	100
20	a	26	29	34	41	50	68	100
	b	29	33	38	46	56	76	100
	c	33	37	44	52	65	88	100
	d	38	43	51	61	75	100	100
	e	46	52	61	73	89	100	100
	f	57	65	75	90	100	100	100
30	a	26	30	36	45	60	91	100
	b	29	34	41	51	68	100	100
	c	33	39	47	58	77	100	100
	d	39	45	54	68	90	100	100
	e	46	54	65	81	100	100	100
	f	57	67	80	100	100	100	100
40	a	26	32	40	53	79	100	100
	b	30	36	45	59	89	100	100
	c	34	41	51	68	100	100	100
	d	39	47	59	78	100	100	100
	e	47	56	71	94	100	100	100
	f	59	70	88	100	100	100	100

*Key to column 3—

a represents 100% single glazing
b „ 20% double glazing
c „ 40% double glazing
d „ 60% double glazing
e „ 80% double glazing
f „ 100% double glazing";

(xiii) for the entry for regulation J4(2) there shall be substituted the following entry—

Provision of regulation deemed to be satisfied	Element of structure or fitting	Case dealt with or relevant conditions	Specification
"J4(3)—as to thermal insulation and J6—as to control of interstitial condensation	External wall excluding any opening therein	Unventilated cavity wall of two leaves of clay, concrete, sandlime brick, dense concrete blockwork or in situ concrete, of unlimited density, rendered or unrendered externally and with a cavity not less than 50 millimetres wide	(1) Any of the following linings— (*a*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish, or (*b*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall on 20 millimetres thick straps with a vapour check of 250 gauge polyethylene or similar sheeting— (i) having a vapour resistance of not less than 15 meganewtons per gramme, (ii) lapped 25 millimetres wide at all joinings, (iii) stapled or otherwise securely fixed together at all joinings, and (iv) fixed between the plasterboard and the insulation.
		Unventilated cavity wall of two leaves of clay, concrete, sandlime brick, dense concrete blockwork or in situ concrete, having a density not greater than 1700 kilogrammes per cubic metre, rendered or unrendered externally and with a cavity not less than 50 millimetres wide	(2) Any of the following linings— (*a*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish with a vapour check as in Specification (1), or (*b*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish with a vapour check as in Specification (1), or (*c*) 9·5 millimetres thick foil-backed plasterboard, fixed to the internal surface of the wall on 20 millimetres thick straps.
		Unventilated twin leaf wall having a cavity not less than 50 millimetres wide and constructed of an outer leaf of clay, concrete, sandlime brick, dense concrete blockwork or in situ concrete, rendered or unrendered externally and an inner leaf of light-	(3) Any of the following linings— (*a*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish with a vapour check as in Specification (1), or

weight concrete blockwork 100 millimetres thick and weighing not more than 1500 kilogrammes per cubic metre	(*b*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish with a vapour check as in Specification (1), or (*c*) 9·5 millimetres thick foil-backed plasterboard, fixed to the internal surface of the wall on 20 millimetres thick straps.
Unventilated twin leaf wall having a cavity not less than 50 millimetres wide and constructed of an outer leaf of clay, concrete, sandlime brick, dense concrete blockwork or in situ concrete, rendered or unrendered externally and an inner leaf of lightweight concrete blockwork 100 millimetres thick and weighing not more than 800 kilogrammes per cubic metre	(4) Any of the following linings— (*a*) 9·5 millimetres thick foil-backed plasterboard, or (*b*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish and a vapour check as in Specification (1), or (*c*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish and a vapour check as in Specificaton (1), fixed to the internal surface of the wall on 20 millimetres thick straps.
Unventilated twin leaf wall having a cavity not less than 50 millimetres wide and constructed of an outer leaf of clay, concrete, sandlime brick, dense concrete blockwork or in situ concrete, rendered or unrendered externally and an inner leaf of lightweight concrete blockwork 100 millimetres thick and weighing not more than 600 kilogrammes per cubic metre	(5)(*a*) Internal surface finish of 12 millimetres thick lightweight plaster, or (*b*) any of the following linings— (i) 9·5 millimetres thick plasterboard, or (ii) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish, or (iii) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall on 20 millimetres thick straps with a vapour check as in Specification (1).
Unventilated cavity wall having an outer leaf of rendered concrete blocks of a density not exceeding 1500 kilogrammes per cubic metre and 100 millimetres thick, an inner leaf of concrete blocks of the	(6) Any of the following linings— (*a*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish, or

Provision of regulation deemed to be satisfied	Element of structure or fitting	Case dealt with or relevant conditions	Specification
J4(3)—as to thermal insulation and J6—as to control of interstitial condensation—cont.	External wall excluding any opening therein—cont.	same density and thickness and with a cavity not less than 50 millimetres wide	(*b*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall on 20 millimetres thick straps with a vapour check as in Specification (1), or (*c*) 9·5 millimetres thick foil-backed plasterboard fixed to the internal surface of the wall on 20 millimetres thick straps.
		Unventilated cavity wall having an outer leaf of rendered concrete blocks of a density not exceeding 1100 kilogrammes per cubic metre and 100 millimetres thick, an inner leaf of blocks of the same density and thickness and with a cavity not less than 50 millimetres wide	(7)(*a*) Internal surface finish of 12 millimetres thick lightweight plaster, or (*b*) any of the following linings— (i) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish, or (ii) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall on 20 millimetres thick straps with a vapour check as in Specification (1).
		Unventilated cavity wall having an outer leaf of rendered concrete blocks of a density not exceeding 800 kilogrammes per cubic metre and 100 millimetres thick, an inner leaf of blocks of the same density and thickness and with a cavity not less than 50 millimetres wide	(8)(*a*) Internal surface finish of 12 millimetres thick lightweight plaster, or (*b*) any of the following linings— (i) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish, or (ii) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall on 20 millimetres thick straps with a vapour check as in Specification (1).

A solid wall of lightweight concrete blocks or slabs 200 millimetres thick having a density not exceeding 800 kilogrammes per cubic metre and with an external finish of rendering or paint harl	(9) Any of the following linings— (*a*) 9·5 millimetres thick foil-backed plasterboard, or (*b*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish and a vapour check as in Specification (1), or (*c*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish and a vapour check as in Specification (1), fixed to the internal surface of the wall on 20 millimetres thick straps.
A solid wall of lightweight concrete blocks or slabs 200 millimetres thick having a density not exceeding 600 kilogrammes per cubic metre and with an external finish of rendering or paint harl	(10) Any of the following linings— (*a*) 9·5 millimetres thick foil-backed plasterboard, or (*b*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish and a vapour check as in Specification (1), or (*c*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish and a vapour check as in Specification (1), fixed to the internal surface of the wall on 20 millimetres thick straps.
A solid wall of no fines concrete with an external rendering of— (*a*) 250 millimetres thick whinstone or gravel aggregate having a density of not more than 1760 kilogrammes per cubic metre, or (*b*) 300 millimetres thick whinstone or gravel aggregate having a density greater than 1760 kilogrammes per cubic metre	(11) Any of the following linings— (*a*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish, or (*b*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall on 20 millimetres thick straps with a vapour check as in Specification (1).

Provision of regulation deemed to be satisfied	Element of structure or fitting	Case dealt with or relevant conditions	Specification
J4(3)—as to thermal insulation and J6—as to control of interstitial condensation—cont.	External wall excluding any opening therein—cont.	A solid wall of 500 millimetres thick natural stone	(12) Any of the following linings— (*a*) 25 millimetres thick glass or mineral wool insulation with a 9·5 millimetres thick plasterboard finish, or (*b*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall on 20 millimetres thick straps with a vapour check as in Specification (1).
		Unventilated twin leaf wall having a cavity not less than 50 millimetres wide, an outer leaf of clay, concrete, sandlime brick, dense concrete blockwork or in situ concrete, rendered or unrendered externally, an inner leaf of timber standards and dwangs and a breather paper on the cavity face of the said timber standards	(13) Any of the following linings— (*a*) 25 millimetres thick glass or mineral wool insulation batts fixed between the standards with a 9·5 millimetres thick plasterboard finish, or (*b*) 50 millimetres thick glass or mineral wool insulation batts fixed between the standards with a 9·5 millimetres thick plasterboard finish, or (*c*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall with a vapour check as in Specification (1).
		Framed wall of timber standards and dwangs having a cavity not greater than 100 millimetres thick, lined externally with breather paper and clad with weatherboarding 21 millimetres thick	(14) Any of the following linings— (*a*) 25 millimetres thick glass or mineral wool insulation batts fixed between the standards with a 9·5 millimetres thick plasterboard finish, or (*b*) 50 millimetres thick glass or mineral wool insulation batts fixed between the standards with a 9·5 millimetres thick plasterboard finish, or (*c*) 15 millimetres thick expanded plastic insulation board with a 9·5 millimetres thick plasterboard finish, fixed to the internal surface of the wall with a vapour check as in Specification (1).”;

(xiv) in the entry for regulation J5(2) under the head "Case dealt with or relevant conditions" for the words "open air" where they twice occur there shall be substituted the words "external air, or to a partially enclosed space where the wall between the said space and the external air contains permanent vents having an aggregate area exceeding 30 per cent of its total area";

(xv) for Specification (2) for regulation M4(2) there shall be substituted—

"(2) The pipes and fittings conform to BS 65 & 540: Part 1: 1971 as read with Amendment AMD 1202, June 1973, or

Appendix C to BS 486: 1973, or

BS539: 1971, or

BS 556: Part 2: 1972 as read with Amendment AMD 980, June 1972, or BS2760: 1973, or

BS 3506: 1969 excluding Class O(non-pressure) pipes as read with Amendment AMD 1152, September 1973, or

BS 3656: 1973, or

BS 4660: 1973";

(xvi) in Specification (1) for regulation M4(3) at the end there shall be added "and in the case of clay pipes and fittings the flexible joints conform to BS 65 & 540: Part 2: 1972.";

(xvii) in the Specification for regulation M4(7) at the end there shall be added "and in the case of clay pipes and fittings the flexible joints conform to BS 65 & 540: Part 2: 1972.";

(xviii) in the Specifications for regulation M14(1)(*a*)—

(*a*) in Specification (1) for "1967" there shall be substituted "1973";

(*b*) in Specification (3) between the words "BS2871: Part 1: 1971" and "and" there shall be inserted "as amended by AMD1422, May 1974";

(*c*) in Specification (6) for the words from "BS2760: Part 1: 1966" to the end there shall be substituted "BS2760:1973";

(*d*) in Specification (7) for the words from "or" to the end there shall be substituted—

"as read with Amendment AMD 1152, September 1973, or

BS 4514: 1969 as read with Amendments AMD 712, March 1971 and AMD 1288, October 1973";

(*e*) after Specification (7) there shall be added the following Specification—

"(8) Galvanised steel pipes conforming to BS 3868: 1973.";

(xix) in the Specification for regulation M14(2)(*b*) for "1967" there shall be substituted "1973";

(xx) in Specification (*c*) for regulation M16(2)—as to provision of traps—at the end there shall be added "and AMD 1257, September 1973.";

(xxi) in the Specifications for regulation M17(1)(*a*) to (*d*)—

(*a*) in Specification (2) for "1965" there shall be substituted "1974";

(*b*) for Specification (3) there shall be substituted—

"(3) The sink conforms to BS 1206: 1974, or

BS 1229: 1945 as read with Amendment PD 1361, April 1952, or

BS 1244: Part 1: 1956 as read with Amendments PD 6361, March 1968, AMD 1110, February 1973 and AMD 1501, July 1974, or

BS 1244: Part 2: 1972 as read with Amendment AMD 1502, July 1974, or

BS 4135: 1972.";

(*c*) for Specification (5) there shall be substituted—

"(5) The bath conforms to BS1189: 1972 as read with Amendment AMD 1267, October 1973, or

BS 1390: 1972 as read with Amendment AMD 1270, October 1973, or

BS 4305: 1972 as read with Amendment AMD 1271, October 1973.";

(xxii) in the Specifications for regulation M21(1)(*a*)—

(*a*) in Specification (2) for "1967" there shall be substituted "1973";

(*b*) in Specification (6) at the end there shall be added "and AMD 1287, October 1973.";

(xxiii) in the footnote‡ to the Table in Specification M21(1)(*b*) for "1967" there shall be substituted "1973";

(xxiv) in the Specifications for regulation M22(1)(*a*)—

(*a*) in Specification (1) for "1967" there shall be substituted "1973";

(*b*) in Specification (3) between the words "Part 1:1971" and "and" there shall be inserted "as read with Amendment AMD 1422, May 1974";

(*c*) in Specification (4) for the words from "BS 2760: Part 1: 1966" to "517, May 1970" there shall be substituted "BS 2760: 1973";

(*d*) for Specification (5) there shall be substituted—

"(5) Unplasticised polyvinylchloride pipes and fittings conforming to—

BS 3506: 1969 as read with Amendment AMD 1152, September 1973, or

BS 4514: 1969 as read with Amendments AMD 712, March 1971 and AMD 1288, October 1973, or

BS 4576: Part 1: 1970 as read with Amendments AMD 688, February 1971 and AMD 1287, October 1973.";

(*e*) in Specification (7) for "1967" there shall be substituted "1973";

(xxv) in Specification (1)(*b*)(iii) for regulation Q2(2)—

(*a*) between "1968" and "or" there shall be inserted "and AMD 1336, March 1974", and

(*b*) at the end there shall be added "and AMD 1339, March 1974.";

(xxvi) in Specification (2)(*b*)(ii) for regulation Q2(4) at the end there shall be added "and AMD 1337, March 1974.";

(xxvii) for the Specification for regulation Q7(1)(*a*) there shall be substituted—

"The bath conforms to BS 1189: 1972 as read with Amendment AMD 1267, October 1973, or

BS 1390: 1972 as read with Amendment AMD 1270, October 1973, or

BS 4305: 1972 as read with Amendment AMD 1271, October 1973.";

(xxviii) in the Specification for regulation Q7(1)(*b*) for "1965" there shall be substituted "1974";

(xxix) for the Specification for regulation Q8(2)(*a*) there shall be substituted—

"The sink conforms to BS 1206: 1974, or

BS 1229: 1945 as read with Amendment PD 1361, April 1952, or

BS 1244: Part 1: 1956 as read with Amendments PD 6361, March 1968, AMD 1110, February 1973 and AMD 1501, July 1974, or

BS 1244: Part 2: 1972 as read with Amendment AMD 1502, July 1974, or

BS 4135: 1972.";

(xxx) for the Specification for regulation Q12(1)(*a*) there shall be substituted—

"The sink conforms to BS 1206: 1974, or

BS 1229: 1945 as read with Amendment PD 1361, April 1952, or

BS 1224: Part 1: 1956 as read with Amendments PD 6361, March 1968, AMD 1110, February 1973 and AMD 1501, July 1974, or

BS 1244: Part 2: 1972 as read with Amendment AMD 1502, July 1974, or

BS 4135: 1972.";

(xxxi) in Specification (*b*) for regulation Q17(1) for the words from "CP 335" to the end there shall be substituted "CP 335: Part 1: 1973".

32. In Schedule 11 in Part 1—

(i) in head 1 in column (1) for the words "BS 3921: Part 2: 1969, Chapter 1, Section Two, Sub-section B" there shall be substituted "BS 3921: 1974, Section Two, Clause 12";

(ii) in head 1 in column (2) for the words "BS3921: Part 2: 1969, Chapter 1, Section Two, Sub-section A" there shall be substituted "BS 3921: 1974, Section Two, Clause 11";

(iii) in head 2 in columns (1) and (2) for the words "BS 3921: Part 2: 1969" there shall be substituted "BS 3921: 1974";

(iv) in head 3 in columns (1) and (2) for the words from "BS 1180: 1944" to the end there shall be substituted "BS 1180: 1972";

(v) in head 4 in the title for the words from "CP 122: 1952" to "1967" there shall be substituted "CP 121: Part 1: 1973";

(vi) in head 7(*a*) and (*b*) between the words "BS 882: 1965" and "and" there shall be inserted "and BS 882: Part 2: 1973";

(vii) in the General Notes on Mixes for paragraph 1 there shall be substituted—

"1. Cement—to BS 12: Part 2: 1971, BS 146: Part 2: 1973, or BS 1370: Part 2: 1974, or having similar properties.".

William Ross,
One of Her Majesty's Principal
Secretaries of State.

St. Andrew's House,
Edinburgh.

11th March 1975.

EXPLANATORY NOTE

(*This Note is not part of the Regulations.*)

These Regulations amend the Building Standards (Scotland) Regulations 1971 and 1973. They substantially revise certain existing regulations and make other changes, some of a minor character, including those necessary to take account of revised editions of and amendments to British Standards and British Standard Codes of Practice.

The principal amendments are concerned with—

(*a*) the introduction of higher standards of thermal insulation for walls and roofs of houses and certain other residential buildings, and of appropriate deemed-to-satisfy provisions;

(*b*) the withdrawal of deemed-to-satisfy provisions by virtue of which high alumina cement may be used for structural work; and

(*c*) clarification of existing requirements for the enclosure of stairways, travel distances in relation to exits and the construction of stairways, landings and balconies.

NOTE: Copies of British Standards and British Standard Codes of Practice referred to in these regulations may be purchased from—

British Standards Institution, British Standards House,
2 Park Street, London W1A 2BS.

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