

The Building Regulations (Northern Ireland) 2000 Amendments to Technical Booklets E and V

Amendments Booklet – AMD 3 August 2006

Introduction

This document has been prepared by the Department of Finance and Personnel and contains additions and revisions to Technical Booklets E and V. Technical Booklets C, D, G, G1, K, N and P are amended by Amendments Booklet AMD 2 and Technical Booklets D, G, and N are also amended by Amendments Booklet AMD 1.

New Technical Booklets F1: August 2006 and F2: August 2006 replaced the previous addition of Technical Booklet F.

A new Technical Booklet H: August 2006 replaced the previous addition.

A new Technical Booklet L: August 2006 replaced the previous addition.

A new Technical Booklet R: August 2006 replaced the previous addition.

Amendments to Technical Booklet E: 2005

Page 31. Table 1.8 –

In row 3 delete “paragraph 1.12(b)” and substitute “paragraph 1.12(a)”.

Amendments to Technical Booklet V: 2000

(1) Page 3

Delete paragraph 0.3 and insert –

“0.3 The existence of glass doors or large uninterrupted areas of transparent glazing represents a significant risk of injury through collision.

The risk is increased where two parts of the building, or the building and its immediate surroundings, are essentially at the same level but separated by transparent glazing and people might reasonably have the impression that they are able to walk from one part to the other without interruption.

Provisions are given to make glazing apparent by permanent manifestation (i.e. marking of the glass itself).”.

(2) Page 4

After paragraph 1.2 insert –

“Visual contrast

1.3 Visual contrast is the perception of a difference visually between one element of a building and another by reference to their light reflectance values.

Light reflectance value (LRV) is the total quantity of visible light reflected by a surface at all wavelengths and directions when illuminated by a light source.

For people with adequate vision, differences in the nature or the intensity of colour provide adequate visual contrast. Unfortunately, this is not the case for all people who are visually impaired. The main feature of a surface, which appears to be strongly correlated with the ability of visually impaired people to identify differences in colour, is the LRV. Differences in LRV can be used to assess the degree of visual contrast between the surfaces of elements such as handrails, doors, door furniture, key fittings/fixtures and surrounding surfaces etc..

The LRV scale runs from 0, which is a perfectly absorbing surface that could be assumed to be totally black, up to 100, which is a perfectly reflective surface that could be considered to be perfect white. Because of practical influences in any application, black is always greater than 0 and white never equals 100.

A difference in LRV of 30 points or more allows a degree of variability that is required to provide reasonable visual contrast.”.

(3) Page 8

After paragraph 4.4 insert –

“4.5 Within a guest bedroom in a building other than a dwelling, a control used for opening and closing a window as required by Part R, will need to meet requirements in that part which are additional to the provisions described above. In such circumstances a control used for opening and closing a window shall be provided complying with Technical Booklet R: Section 5.”.

(4) Page 12

After “AMD 8693, July 1995” insert new paragraph -

“DFP Technical Booklet R: 2006.”.

Replacement page for existing Technical Booklet

In this Section there is a replacement page for the equivalent page in the existing Technical Booklet V. The replacement page is printed on one side only so that it can be inserted into the existing Technical Booklet.

Amendments to Technical Booklet V: 2000

Page 7

Delete existing page 7 and substitute the new page 7 given in this Section.

Section 3 – Transparent glazing

3.1 The aim of this section is to reduce the risk of injury to people through collision with transparent glazing.

3.2 A door manufactured from transparent glazing, or a large uninterrupted area of transparent glazing where there is a risk of people colliding with it, shall be made apparent by permanent manifestation located as shown in Diagram 3.1.

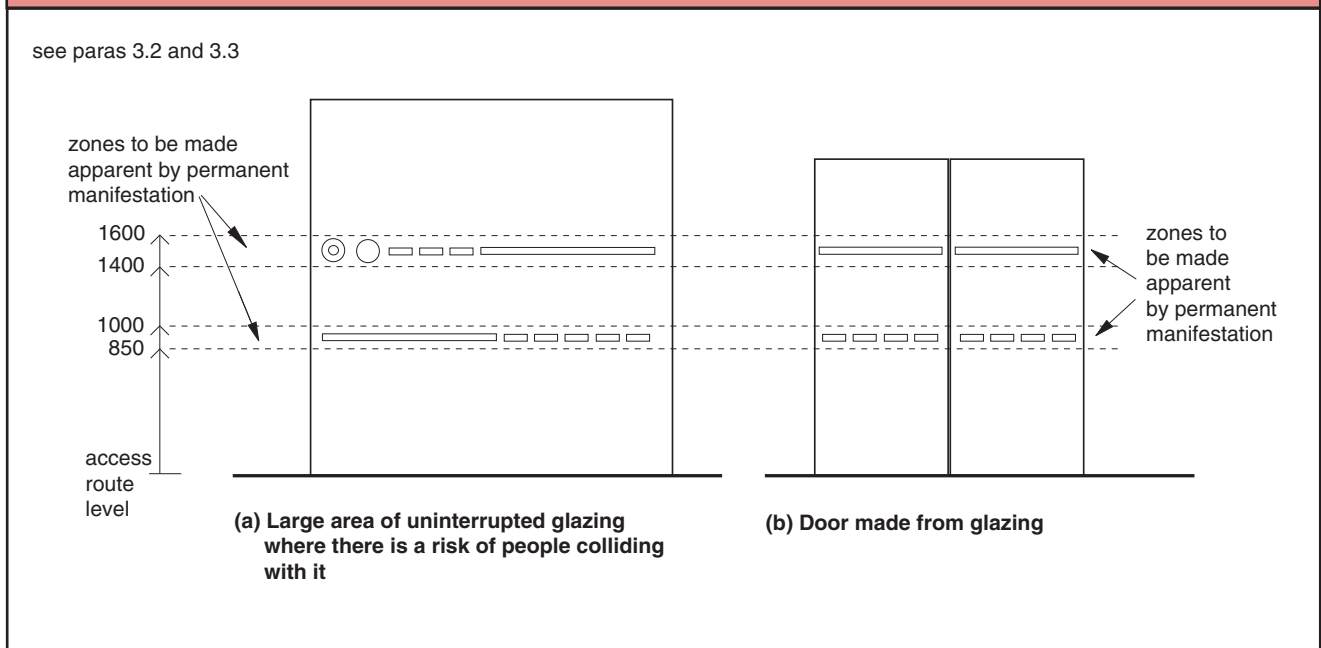
3.3 Permanent manifestation shall be provided in the form of –

- (a) company logos or signs not less than 150 mm high; or
- (b) broken or solid lines not less than 50 mm high.

(See Diagram 3.1)

3.4 Permanent manifestation shall be distinguishable through suitable visual contrast from the background seen through the glazing.

Diagram 3.1 Manifestation of transparent glazing



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