

## **Building Regulations**

### **Mandatory provisions and general recommendations**

#### **Section 7 Protection against noise**

##### ***Important information***

*The following translation is strictly for informative purpose. The legally binding text is found in the Code of Statutes of the Swedish Board of Housing, Building and Planning.*

*This translation of the reprint of Building Regulations BFS 1993:57 with amendments including BFS 2006:22 (BBR) of the Swedish Board of Housing, Building and Planning contains mandatory provisions and general recommendations pursuant to*

- *the Planning and Building Act (1987:10), PBL,*
- *the Planning and Building Ordinance (1994:383), PBF,*
- *the Act on Technical Requirements for Construction Works, etc (1994:847), BVL, and*
- *the Ordinance on Technical Requirements for Construction Works, etc (1994:1215), BVF.*

*In the translation the expression client/owner of the building is used. This means anyone who on his own account carry out or commissions any one else to carry out construction, demolition or site improvement work, as stated in PBL 9:1.*

## 7 Protection against noise

This Section contains mandatory provisions and general recommendations pursuant to Article 7 of BVF. (*BFS 1995:17*)

### 7:1 General

Buildings shall be designed in such a way that the incidence and propagation of disturbing noise is limited. (*BFS 2006:12*)

#### *General recommendation*

The Swedish Work Environment Authority, the Swedish National Board of Health and Welfare and the Swedish Environmental Protection Agency issue regulations regarding noise. (*BFS 2006:12*)

### 7:11<sup>62</sup> Area of application

These regulations apply to dwellings and non-residential premises in the form of residential care premises, pre-schools, leisure centre, classrooms in schools and rooms in work premises intended for office work, meetings and similar activities. (*BFS 2006:12*)

### 7:12<sup>63</sup> Definitions/designations

Definitions are given in SS 252 67 and SS 02 52 68 for dwellings and non-residential premises respectively. (*BFS 2006:12*)

*7:13 has been withdrawn by (BFS 1998:38)*

*7:14 has been withdrawn by (BFS 2006:12)*

### 7:2<sup>64</sup> Noise conditions

Buildings and their installations shall be designed so that noise from installations in the building, from adjacent premises and outside sound is attenuated. This shall be achieved to the extent required by the intended use and so that building residents are not disturbed by the noise.

If a noisy activity occurs adjacent to dwellings, special sound insulation measures shall be taken.

In non-residential premises, the reverberation time shall be selected according to the activity in the premises. (*BFS 2006:12*)

#### *General recommendation*

The requirements of the mandatory provisions for buildings are met if the requirements related to buildings in sound class C are achieved in accordance with SS 252 67 for dwellings, and in accordance with SS 02 52 68 for the

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<sup>62</sup> Latest wording BFS 1998:38

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<sup>64</sup> Latest wording BFS 1998:38

relevant type of premises. If better sound conditions are required, sound class A or B may be selected.

Guidance on sound conditions with regard to the disabled is given in BFS 3003:19, HIN. (*BFS 2006:12*)

*7:21 has been withdrawn by (BFS 1998:38)*

*7:22 has been withdrawn by (BFS 1998:38)*

### **7:3<sup>65</sup> Documentation**

#### *General recommendation*

Recommendations regarding documentation are given in Clause 2:1.

Documentation of building acoustics for dwellings may be drawn up in accordance with SS 252 67. (*BFS 2006:12*)

*7:31 has been withdrawn by (BFS 1998:38)*

*7:32 has been withdrawn by (BFS 1998:38)*

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<sup>65</sup> Latest wording BFS 1998:38