1. Abstract

New Danish Building Regulations with tightened sound insulation requirements were introduced in 2008 (and in 2010 with unchanged acoustic requirements). Compared to the Building Regulations from 1995, the airborne sound insulation requirements were 2 – 3 dB stricter and the impact sound insulation requirements 5 dB stricter. The limit values are given using the descriptors $R'w$ and $L'n,w$ as before.

For the first time, acoustic requirements for dwellings are not found as figures in the Building Regulations. Instead, it is stated that the requirements are considered to be met, if the acoustic indoor climate in housing complies with sound class C in the Danish classification scheme DS 490:2007 [1]. The Danish Building Research Institute is preparing a guideline [2] with examples of construction solutions to meet the tightened requirements. The examples on this poster are a foretaste of this guideline involving more building types with heavy and light-weight constructions. The solutions are mainly based on calculations in accordance with EN ISO 12354.

2. References
