

# DIN EN ISO 140-16:2006-11 (E)

**Acoustics - Measurement of sound insulation in buildings and of building elements -  
Part 16: Laboratory measurement of the sound reduction index improvement by  
additional lining (ISO 140-16:2006)**

---

Contents	Page
Foreword .....	3
Introduction .....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms, definitions and symbols .....	5
4 Principle .....	7
5 Test arrangement .....	7
6 Test procedure .....	8
7 Evaluation of results .....	9
8 Precision .....	9
9 Expression of results .....	9
10 Test report .....	9
Annex A (normative) Weighting procedure .....	11
Annex B (normative) Sound reduction indices of the reference basic elements .....	12
Bibliography .....	17