



No. 173

Acoustic Testing Services Limited

聲學測試服務有限公司

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CLIENTELE : Public
服務對象 公眾

ACCREDITED TEST : Construction Materials 建築材料
CATEGORIES
認可測試類別

SCOPE OF : As shown on the following pages 詳見後頁
ACCREDITATION
認可範圍

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TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CONSTRUCTION MATERIALS 建築材料	<p>Acoustic</p> <p>Sound Insulation Test</p> <p>Sound Absorption Test</p>	<p>Airborne sound insulation of building elements such as walls, floors, doors, windows, operable partitions, panels, façade elements, facades and other space-dividing elements in terms of 1/3 octave band and 1/1 octave band sound reduction index and weighted sound reduction index.</p> <p>Airborne sound transmission loss of building elements such as walls of all kinds, operable partitions, floor-ceiling assemblies, doors, windows, roofs, panels, facade elements, facades and other space-dividing elements in terms of 1/3 octave band and 1/1 octave band sound transmission loss and Sound Transmission Class (STC).</p> <p>Airborne sound insulation and single-number rating of airborne sound insulation DL_R of road traffic noise reducing devices, such as noise barriers, noise enclosures, etc</p> <p>Sound absorption coefficient, practical sound absorption coefficient and weighted sound absorption coefficient of acoustical materials used as wall or ceilings treatments or the equivalent sound absorption area of objects, such as ceiling & wall panels, curtains, furnitures, persons or space absorbers, etc. in a reverberation room. (Mounting Type: A, B, E, G, I & J)</p> <p>Sound absorption and sound absorption coefficient at 1/3 octave band and 1/1 octave band of acoustical materials used as wall or ceilings treatments or the equivalent sound absorption area of objects, such as ceiling & wall panels, curtains, furnitures, persons or space absorbers, etc. by reverberation room method (Mounting Type: A, B, C, D & E)</p> <p>Sound absorption and single-number rating of sound absorption $DL\alpha$ of road traffic noise reducing devices, such as noise barriers, noise enclosures, etc.</p>	<p>BS EN ISO 140-3:1995 BS 2750-3:1995 BS EN ISO 717-1:1997</p> <p>ASTM E90 - 04 ASTM E413 - 04</p> <p>BS EN 1793-2:1998 BS EN 1793-3:1998</p> <p>BS EN ISO 354:2003 BS EN ISO 11654:1997</p> <p>ASTM C423-02a ASTM E795-05</p> <p>BS EN 1793-1:1998 BS EN 1793-3:1998</p>