

**Discharge of Conditions for Planning Application Reference 2015/1941/L  
Ground Floor Flat, 27 Conway Street  
Date 22/07/2015**

**Product Details pursuant to discharge of condition 4c.**

Contents:

1. New lighting
2. Electrical fixtures and fittings
3. Timber flooring

## 1. New lighting

### Recessed downlights:

Low energy fire-rated downlight - for use generally including in shower room - Arrow 10w Dimmable LED Downlight - 3000k IP65 Fire Rated, Matt white bezel - see data sheet

### Pendant lights to bedroom and lounge:

3 light Large cream pleated pendant shade - see image

3 Light Large red pleated pendant shade - see image

Height : 300cm, Diameter : 60cm, Nett Weight : 4.814kg, Bulb Type : GLS

Lampholder : E27 (ES), Wattage : 60w, No of Lamps : 3, Product Class : Earthed, F/FX : F





(0) £0.00

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Home > Ceiling Lights > Downlights > Arrow > Arrow 10W Dimmable LED Downlight with Interchangeable Bezel 3000K IP65 & Fire Rated in Matt White

DELIVERY 24-48hrs

### Arrow 10W Dimmable LED Downlight with Interchangeable Bezel 3000K IP65 & Fire Rated in Matt White

Arrow Code: AR-TC4510/30

**£28.74** (DELIVERY FROM £7.99)

RRP: **£50.55** You Save: **£21.81** (43%)

Usually dispatched within 24 hours



Reviews

- Add Polished Chrome Bezel for AR-TC4510 Downlight ( £2.70) [More Info](#)
- Add Satin Nickel Bezel for AR-TC4510 Downlight ( £2.70) [More Info](#)

1

ADD TO BASKET

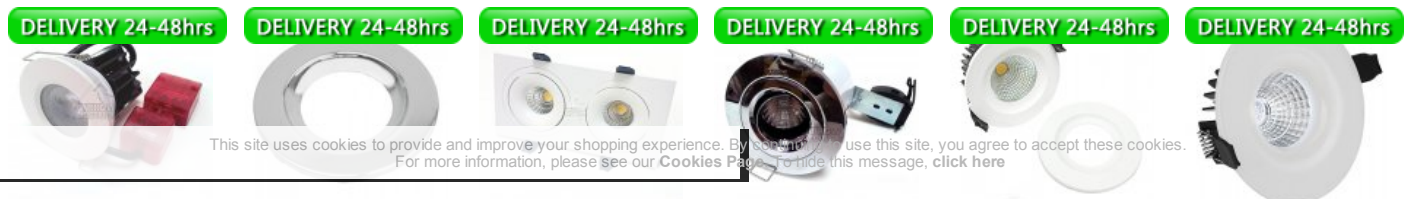
No Reviews

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<b>Fitting Height:</b>	63mm
<b>Diameter:</b>	85mm
<b>Cut Out:</b>	73mm
<b>Bezel Colour:</b>	Matt White
<b>IP Rating:</b>	IP65
<b>Wattage:</b>	10w

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Pendant light to kitchen:

Flos single light pendant - see data sheet

Bedroom wall lights:

Extending bedside light. Colour Matt nickel - see data sheet

# FLOS

## FUCSIA I

<b>Mounting</b>	Pendant
<b>Type of ceiling pendant</b>	Suspension cable
<b>Lamps description</b>	1 x MAX 40W E14 IBM
<b>Environment</b>	Indoor
<b>Finish</b>	Glass
<b>Technical description</b>	Suspension lamp providing direct light. 1 hand blown glass conical diffuser with sandblasted edge. Injection-molded, opaline silicone diffuser protection ring. Gloss white powder-coated tubular steel body. Rose assembly consisting of ceiling fitting and 30% fiberglass reinforced polyamide cover, both injection-molded.

## ELECTRICAL

<b>Emergency</b>	Without
<b>Voltage (V)</b>	230

## PHYSICAL

<b>Supply</b>	Terminal block
<b>Cord length(mm)</b>	2660
<b>Construction material</b>	Glass, Silicone, Steel
<b>Weight (kg)</b>	1
<b>Minimum distance from illuminated object (mm)</b>	300



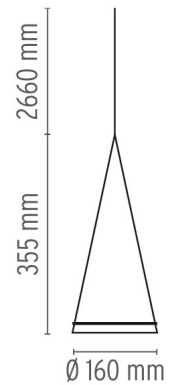
## Fucsia I

designed by Achille Castiglioni

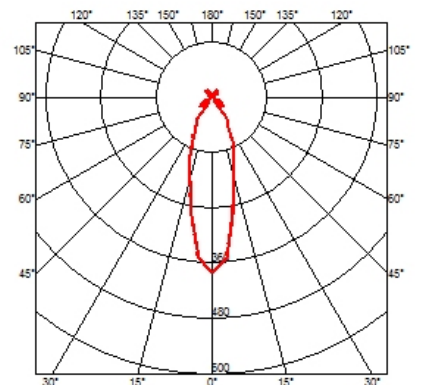
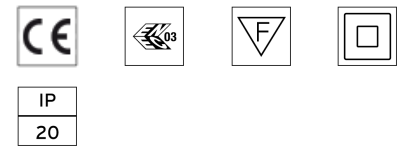
Suspension lamp providing direct light

F2410000 Glass

## DIMENSIONS



## CERTIFICATIONS



## Fucsia I . Lamps



**IBM 40W E14**

**Lamp Watt:**  
40 W

**Lamp category:**  
Incandescent

**Socket:**  
E14

**Lamp type:**  
IBM



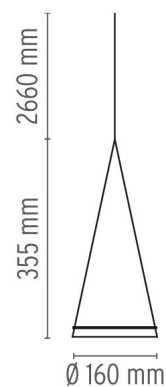
## Fucsia I

designed by Achille Castiglioni

Suspension lamp providing direct light

F2410000 Glass

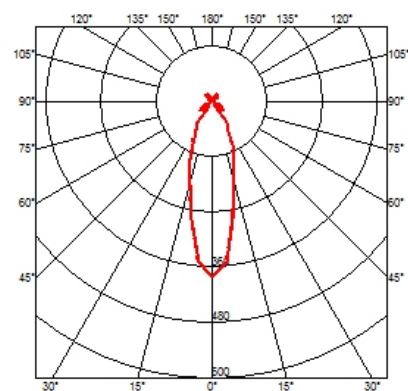
## DIMENSIONS



## CERTIFICATIONS



IP  
20



## Bea Canadas

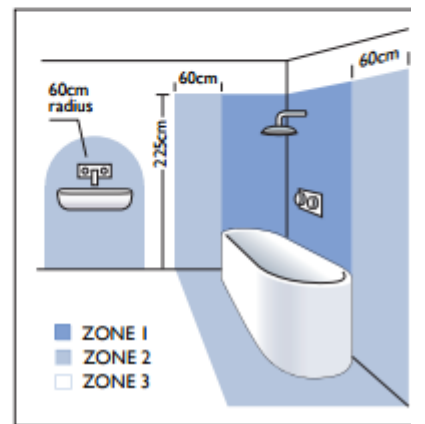
**From:** Sales <sales@thelightingstore.co.uk>  
**Sent:** 20 July 2015 13:56  
**To:** Bea Canadas  
**Cc:** Joe Wright (JWa)  
**Subject:** RE: Conway Street\_ Lighting Specification

Here you go ;



1x1w LED		incl.
350mA Driver		incl.
27000K*	61 lm*	CRI 85*

Zone **3**



### Dimensions:

H

45

W

200

D

43mm

### Finish:

Matt Nickel

best regards

The Lighting Store

## 2. Electrical fittings and fixtures

Socket/light switch product range:

Schneider Ultimate Screwless (satin stainless steel) - see data sheets





## Ultimate screwless flat plate

Designed for easy installation the Ultimate range provides one of the most comprehensive ranges of beautifully crafted, sleek, sophisticated fittings on the market. We have now taken this minimal design approach one step further. The stunning result is the Ultimate Screwless Flat Plate range. More choice, more style, and packed with innovative technical features for easy installation. Never has less meant more.

25

Years guarantee\*

\*electromechanical components only. Excludes dimmer modules and decorative plates

### Features and benefits

Comprehensive range extends to toggle and dimmer switches plus data communication and all control applications

Easy-fit screwless front plate simply but securely clips onto the mounting system. Even with the front plate removed access to live parts is restricted

Unique 'glow in the dark' optional mounting frame to discreetly sign-post the profile of a switch or socket to aid location in the dark

Large in-line angled colour coded terminals to aid cable insertion and selection

Combination headed screw terminal

Captive backed out terminal screws are fitted on key products to aid quicker installation

Large plate footprint avoids the need for additional decorating on retrofits

Minimal back projection to allow installation using standard flush mounting boxes for both new and retrofits

Curved, matching metal capped rockers that are aesthetically pleasing and easy to operate with a choice of white or black interior

Metal capped fuse carriers provide more visible metal on the plate

Accessories supplied with both long and short screws for installation flexibility

Smooth tactile switch action incorporating positive drive switch mechanism

Full 10AX fluorescent rating on all plate switches

Slimline, compact neons for a less obtrusive effect

Double pole options on 1-gang and 2-gang switched sockets

Twin earth terminals on 2-gang sockets

Fully matched grid system

#### Finishes

Stainless steel with white or black interiors

Polished chrome with white or black interiors

Polished brass with white or black interiors

Pearl nickel with white interior

Black nickel with black interior

White coated with white interior

Due to large plate footprint products may not be compatible with flush mounted dual boxes

# Ultimate screwless flat plate

## 13A unswitched sockets



GU3450WSS

Code	Description	Qty
GU3450***	1 gang	1
GU3460***	2 gang	1

Dimensions: 88 x 88mm (1 gang)  
88 x 148mm (2 gang)

Mounting box: SB251 (F) 1 gang  
SB351 (F) 1 gang  
SB252 (F) 2 gang  
SB352 (F) 2 gang

Fix screws: M3.5 x 25mm and 30mm  
BS 1363

## 13A switched sockets



GU3421BPB

Code	Description	Qty
GU3410***	1 gang switched	1
GU3411***	1 gang switched with neon	1
GU3420***	2 gang switched	1
GU3421***	2 gang switched with neons	1

Dimensions: 88 x 88mm (1 gang)  
88 x 148mm (2 gang)

Mounting box: SB251 (F) 1 gang  
SB351 (F) 1 gang  
SB252 (F) 2 gang  
SB352 (F) 2 gang

Fix screws: M3.5 x 25mm and 30mm  
BS 1363

## 13A DP switched sockets



GU3420DWSS

Code	Description	Qty
GU3410D***	1 gang DP switched	1
GU3420D***	2 gang DP switched	1

Dimensions: 88 x 88mm (1 gang)  
88 x 148mm (2 gang)

Mounting box: SB251 (F) 1 gang  
SB351 (F) 1 gang  
SB252 (F) 2 gang  
SB352 (F) 2 gang

Fix screws: M3.5 x 25mm and 30mm  
BS 1363

## Round pin socket outlets



GU3470BPC

Code	Description	Qty
GU3470***	2A unswitched	1
GU3480***	5A unswitched	1
GU3490***	15A switched	1

Dimensions: 88 x 88mm

Mounting box: SB251 (F)

Fix screws: M3.5 x 25mm and 30mm  
BS 546

## Custom built requirements



To complement the Ultimate range of Flat Plate accessories, GET are also able to design and manufacture bespoke products to complement specific project requirements, for example the power and data distribution unit shown. For further information please contact the sales office.



*For complementary downlighters that match Ultimate Flat Plate please see lighting section*

**Note**  
Replace \*\*\* with suffix code to denote finish/interior colour required:

**WSS** - Stainless steel with white interior  
**BSS** - Stainless steel with black interior  
**WPW** - Painted white with white interior  
**WPN** - Pearl nickel with white interior  
**BPB** - Polished brass with black interior

**WPB** - Polished brass with white interior  
**BPC** - Polished chrome with black interior  
**WPC** - Polished chrome with white interior  
**BBN** - Black nickel with black interior

# Ultimate screwless flat plate

## 10A & 10AX plate switches



GU1442WSS



GU1400F

Code	Description	Qty
GU1412***	1 gang 2 way SP	1
GU1412R***	10A 1 gang 2 way retractive	1
GU1412RP***	10A 1 gang 2 way retractive marked press	1
GU1422***	2 gang 2 way SP	1
GU1432***	3 gang 2 way SP	1
GU1442***	4 gang 2 way SP	1
GU1462***	6 gang 2 way SP	1
GU1413***	3 pole isolator	1
GU1414***	1 gang intermediate	1
GU1400F	1 gang glow in the dark frame	1

Dimensions: 88 x 88mm (1-3 gang)  
88 x 148mm (4-6 gang)

Mounting box: See selection table  
Fix screws: M3.5 x 25mm and 30mm

BS EN 60669-1

Discreetly sign-posts the profile of the switch and aids switch location

## 6A PIR plate switch



GUPA1411WSS

Code	Description	Qty
GUPA1411WSS	1 gang 1 way PIR switch with override	1
GUP1411WSS	1 gang 1 way PIR switch	1

Dimensions: 88 x 88mm (1 gang)

Mounting box: SB161 (F) 1 gang

Fix screws: M3.5 x 25mm and 30mm

• 2 wire connection

• operating distance = 6M at 45° horizontal

BS EN 60669-2-1

Stainless steel finish only



## 10AX toggle switches



GU1422TPB

Code	Description	Qty
GU1412T**	1 gang 2 way	1
GU1422T**	2 gang 2 way	1
GU1432T**	3 gang 2 way	1
GU1442T**	4 gang 2 way	1

Dimensions: 88 x 88mm (1-3 gang)  
88 x 148mm (4 gang)

Mounting box: SB161 (F) 1-2 gang

SB351 (F) 3 gang

SB252 (F) 4 gang

Fix screws: M3.5 x 25mm and 30mm

BS EN 60669-2-1

## Electronic dimmers



GU6412EWSS

Code	Description	Qty
GU6412E***	1 gang 300W/VA	1
GU6422E***	2 gang 300W/VA	1
GU6412R***	1 gang IR remote control 350W/300VA	1
GU6000RC1	1 channel IR remote control	1

Dimensions: 88 x 88mm (300VA)

Mounting box: Min SB251 (300VA)

Fix screws: M3.5 x 25mm and 30mm

• IR remote unit requires remote control

• All dimmers can be installed on 2 way and multiway circuits

• For 2 way operating remote switch must be changed for retractive switch

BS EN 60669-2-1



GU64121WSS

Code	Description	Qty
GU64121***	1 gang 1000W/VA Black or White inserts	1

Dimensions: 88 x 148mm (1000W/VA)

Mounting box: SB472 (1000W)

Fix screws: M3.5 x 25mm and 30mm

• 1000W dimmer is fitted on to a 2 gang plate

• All dimmers can be installed on 2 way and multiway circuits

• For 2 way operating remote switch must be changed for retractive switch

BS EN 60669-2-1



For product information and specification see technical section

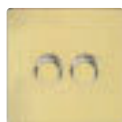
**Note**  
Replace \*\*\* with suffix code to denote finish/interior colour required:

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**WPN** - Pearl nickel with white interior  
**BPB** - Polished brass with black interior

**WPB** - Polished brass with white interior  
**BPC** - Polished chrome with black interior  
**WPC** - Polished chrome with white interior  
**BBN** - Black nickel with black interior

# Ultimate screwless flat plate

## Mains and low voltage dimmer switches



GU6422PB

Code	Description	Qty
<b>Mains</b>		
GU6411**	1 gang 1 way 400W*	1
GU6412**	1 gang 2 way 400W	1
GU6422**	2 gang 2 way 250W	1
GU6432**	3 gang 2 way 250W	1
GU6442**	4 gang 2 way 250W	1



GU6412LVSS

Code	Description	Qty
<b>Low voltage</b>		
GU6411LV**	1 gang 1 way 400VA*	1
GU6412LV**	1 gang 2 way 400VA	1
GU6422LV**	2 gang 2 way 250VA	1
GU6432LV**	3 gang 2 way 250VA	1
GU6442LV**	4 gang 2 way 250VA	1

Dimensions: 88 x 88mm (1-2 gang)  
88 x 148mm (3-4 gang)

Mounting box: SB161 (F) 1G 1W only  
SB251 (F) 1-2 gang  
SB352 (F) 3-4 gang

Fix screws: M3.5 x 25mm and 30mm  
BS EN 60669-2-1



Mains dimmer switches are not suitable on low voltage circuits. See technical section  
\*1 way dimmers can be used to replace standard wall switches and retrofit into 16mm mounting box

## Key card switch



GU1412KWPB

Code	Description	Qty
GU1412K***	32A SP keycard switch with time delay	1

Dimensions: 88 x 88mm  
Mounting box: SB471(F)  
Fix screws: M3.5 x 25mm and 30mm  
BS EN 60669-1

- Non reader type, accepts any card
- Card not supplied
- Will accept cards up to 85 x 53mm
- Requires L&N connection



## 20AX DP switches



GU2411BBN

Code	Description	Qty
GU2410***	DP switch	1
GU2411***	DP switch with neon	1
GU2413***	DP switch with flex outlet	1
GU2414***	DP switch with neon and flex outlet	1
GU2414WH***	DP switch with neon and flex outlet marked water heater	1

Dimensions: 88 x 88mm  
Mounting box: SB351(F)  
Fix screws: M3.5 x 25mm and 30mm  
BS EN 60669-1

**Note**  
Replace \*\*\* with suffix code to denote finish/interior colour required:  
Replace \*\* with last two digits of suffix code to denote finish required:

**WSS** - Stainless steel with white interior  
**BSS** - Stainless steel with black interior  
**WPW** - Painted white with white interior  
**WPN** - Pearl nickel with white interior  
**BPB** - Polished brass with black interior

**WPB** - Polished brass with white interior  
**BPC** - Polished chrome with black interior  
**WPC** - Polished chrome with white interior  
**BBN** - Black nickel with black interior

# Ultimate screwless flat plate

## 13A fused connection units



GU5410WPC

Code	Description	Qty
GU5400***	Unswitched	1
GU5403***	Unswitched with flex outlet	1
GU5410***	DP switched	1
GU5411***	DP switched with neon	1
GU5413***	DP switched with flex outlet	1
GU5414***	DP switched with neon and flex outlet	1

Dimensions: 88 x 88mm  
 Mounting box: Unswitched SB251 (F)  
 Switched SB351 (F)  
 Fix screws: M3.5 x 25mm and 30mm  
 BS 1363

## 32A & 45A DP switches



GU4431BBN

Code	Description	Qty
GU4431***	32A 1 gang DP switch with neon	1
GU4421***	45A 1 gang DP switch with neon (fits 2 gang box)	1

Dimensions: 88 x 88mm (1 gang)  
 148 x 88mm (2 gang)  
 Mounting box: SB471 (F) 1 gang  
 SB472 (F) 2 gang  
 Fix screws: M3.5 x 25mm and 30mm  
 BS EN 60669-1

## 45A DP cooker controls



GU4401BPB

Code	Description	Qty
GU4401***	DP cooker control unit & 13A switched socket with neons	1

Dimensions: 88 x 148mm  
 Mounting box: SB472 (F)  
 Fix screws: M3.5 x 25mm and 30mm  
 BS 4177

## Shaver sockets



GU7490WSS

Code	Description	Qty
GU7490***	115/230V dual voltage	1

Special unique design allows perfect fit to 47mm box

Dimensions: 148 x 88mm  
 Mounting box: SB472 (F)  
 Fix screws: M3.5 x 25mm and 30mm  
 BS EN 61558-2-5

**Note**  
 Replace \*\*\* with suffix code to denote finish/interior colour required:

**WSS** - Stainless steel with white interior  
**BSS** - Stainless steel with black interior  
**WPW** - Painted white with white interior  
**WPN** - Pearl nickel with white interior  
**BPB** - Polished brass with black interior

**WPB** - Polished brass with white interior  
**BPC** - Polished chrome with black interior  
**WPC** - Polished chrome with white interior  
**BBN** - Black nickel with black interior

# Ultimate screwless flat plate

## Telephone & data outlets



GU7461WPB

Code	Description	Qty
GU7451***	Single RJ11 outlet	1
GU7461***	Single telephone master	1
GU7462***	Single telephone secondary	1
GU7471***	Single RJ45 outlet	1

Dimensions: 88 x 88mm  
 Mounting box: SB251 (F)  
 SB351 (F)  
 Fix screws: M3.5 x 25mm and 30mm  
 BS EN 41003  
 Refer to euro modular range for further combinations

## TV outlets



GU7410WPN

Code	Description	Qty
GU7410***	Single TV/FM socket	1
GU7420***	Twin TV/FM socket	1
GU7430***	Single SAT socket	1

Dimensions: 88 x 88mm  
 Mounting box: SB251 (F)  
 Fix screws: M3.5 x 25mm and 30mm  
 Products are direct connection and not suitable for common connection  
 BS 3041 (where applicable)

## Blank plates



GU8410SS

Code	Description	Qty
GU8410**	1 gang	1
GU8420**	2 gang	1

Dimensions: 88 x 88mm (1 gang)  
 88 x 148mm (2 gang)  
 Fix screws: M3.5 x 25mm and 30mm  
 BS 5733

### Note

Replace \*\*\* with suffix code to denote finish/interior colour required:

Replace \*\* with last two digits of suffix code to denote finish required:

**WSS** - Stainless steel with white interior  
**BSS** - Stainless steel with black interior  
**WPN** - Painted white with white interior  
**WPN** - Pearl nickel with white interior  
**BPB** - Polished brass with black interior

**WPB** - Polished brass with white interior  
**BPC** - Polished chrome with black interior  
**WPC** - Polished chrome with white interior  
**BBN** - Black nickel with black interior



### 3. Timber flooring

#### Engineered timber flooring:

Product Name Oak Multilayer 21mm x 189mm, 6mm solid top

Stripped, brushed & White grey oiled Oak - Supreme collection: MO-1029



#### High performance underlay to timber flooring:

Hush Matt 15 - see data sheet



# HUSH - MAT 15

Hush Mat 15 is a high performing acoustic floor system. This uniquely engineered acoustic rubber ensures superior acoustic performance is achieved when reducing impact sound. The product contains high levels of mass which in turn contributes to airborne sound reduction also, this is not normally the case with acoustic flooring.

When used in the right applications, Hush Mat 15 can be used over most last and plaster and resiliently fixed plasterboard ceilings to ensure compliance to all UK Building Regulations.



## Acoustic Performance

Impact $L'_{nT,w}$ dB	Airborne $D_{nT,w}$ dB	Airborne $D_{nT,w} + C_{tr}$ dB
49	57	51

Results based on Hush Mat 15 above plasterboard on resilient bars.

## Product Data

- Size = 1250 x 1000mm
- (nominal) Thickness = 15mm
- Weight = 15kg/m<sup>2</sup>
- Cutting: By sharp long bladed trimming knife. Score the surface then run through with knife several times to avoid tearing. When shaping, use large scissors or tin snips. A circular saw should be used for large numbers of straight cuts.

## Accessories

- Perimeter Strip: 1200mm long x 25mm wide x 9mm depth
- Hush dB Mat Adhesive: 10ltr tub – coverage up to 20m<sup>2</sup> per tub depending on substrate

## Suitable for:



Installation Guidelines upon request

## Storage:

- Hush Mat 15 must be laid flat and kept dry.
- Hush Mat 15 should only be stored on site if the building has been sealed and is completely dry.

## Features

- ✓ Building Regulations Part E (England and Wales), Section 5 (Scotland) and Part G (Northern Ireland)
- ✓ Excellent Impact sound performance levels due to its unique design
- ✓ Improves airborne sound insulation.
- ✓ Simply laid under most floor finishes.
- ✓ Easily cut and shaped.
- ✓ Suitable for over timber or concrete floor structures.

**HUSH (UK) LIMITED**  
44 Canal Street,  
South Sefton,  
Merseyside L20 8QU.

**Tel:** 0151 933 2026  
**Fax:** 0151 944 1146  
**Email:** [info@hush.uk.com](mailto:info@hush.uk.com)  
**[www.hush.uk.com](http://www.hush.uk.com)**



**HUSH ACOUSTICS**  
Sound Insulation Products and Systems



# RESIDENTIAL BUILDING REGULATIONS

## Overview

The nuisance of noise is regarded as a health and safety issue for persons living in dwellings and all occupants of a dwelling should be allowed to follow normal domestic activities, including sleep and rest, without threat to their health from noise.

Noise is transmitted in buildings by both airborne and impact sound sources and UK Building Regulations requires that both these noise types are controlled. Practical guidance to meet with Building Regulation requirements is given within Approved Document E.

UK Building Regulations approved Document E 2003 incorporates a unit of measurement to determine low frequency airborne sound transmission.

Due to proven intrinsic difficulties of measuring low frequency sound, in domestic sized rooms, it must be expected that there could be significant deviations in the accuracy of these measurements. Furthermore, there will be variations from site to site due to structural differences in buildings, general site conditions and workmanship.

All these factors can influence the repeatability of both impact and airborne acoustic test results. Therefore, any test results must be considered as an indication only and no warranty can be given or implied as to the actual acoustic performance in any particular situation.

Sound insulation, in general terms, is the prevention of airborne and impact sound being transmitted from one part of a building to another through separating floors, ceilings or walls.

## Airborne Sound

Airborne sound sources produce noise by vibrating the surrounding air, for example speech, televisions and home entertainment systems. Airborne sound insulation is concerned with reducing this sound transmission through separating floors and walls.

## Impact Sound

Impact sound sources produce noise by direct physical excitation of a part of a building, for example footsteps on a floor. Impact sound insulation is concerned with resisting this impact sound upon separating floors.

## Flanking transmission

Flanking transmission occurs when sound is transmitted from one space to another indirectly, through adjoining parts of the structure, e.g. impact sound may be transmitted from one room to another through a timber floor, but also through the supporting wall.

Flanking transmission is always a potential problem within any structure, in particular, buildings being converted, and depending on the intensity of the acoustic energy received via flanking transmission paths, the effectiveness of sound insulation of separating partitions can be much lower than expected from their construction.

Careful consideration must be given to the effect of flanking transmission within any building and all potential flanking paths must be identified and eliminated prior to the installation of any sound insulation system.

## England & Wales

### New Approved Document E

Building Regulations New Approved Document E came into force on 1st July 2003 with the introduction of pre-completion testing (PCT) for sound insulation as a means of demonstrating compliance, and as from 1st July 2004 the use of Robust Details (RD) in new build has been accepted as an alternative to PCT.

Requirements E1, E2 and E3 of Document E apply to the sound insulation of any type of conversion or new build used as a dwelling including; houses, apartments, hostel rooms, hotels, boarding houses, halls of residence and residential homes. Requirement E4 applies to acoustic conditions in schools.

Performance standards are given for each requirement, as follows:

**Table 0.1a** Dwelling-houses and flats – performance standards for separating walls, separating floors, and stairs that have a separating function

	Airborne sound insulation sound insulation $D_{nT,w} + C_{tr}$ dB (Minimum values)	Impact sound Insulation $L'_{nT,w}$ dB (Maximum values)
<b>Purpose built dwelling - houses and flats</b>		
Walls	45	-
Floors & stairs	45	62
<b>Dwelling - houses and flats formed by material change of use</b>		
Walls	43	-
Floors & stairs	43	64

**Table 0.1b** Rooms for residential purposes – performance standards for separating walls, separating floors, and stairs that have a separating function

	Airborne sound insulation sound insulation $D_{nT,w} + C_{tr}$ dB (Minimum values)	Impact sound Insulation $L'_{nT,w}$ dB (Maximum values)
<b>Purpose built dwelling - houses and flats</b>		
Walls	43	-
Floors & stairs	45	62
<b>Rooms for residential purposes formed by a material change of use</b>		
Walls	43	-
Floors & stairs	43	64

**Table 0.2** Laboratory values for new internal walls and floors within dwelling-houses, flats and rooms for residential purposes, whether purpose built or formed by material change of use

	Airborne sound insulation $R_w$ dB (Minimum values)
Walls	40
Floors	40

For further information on Approved Document E visit [www.communities.gov.uk](http://www.communities.gov.uk) or [www.planningportal.gov.uk](http://www.planningportal.gov.uk)

## PCT & Robust Details

Pre-completion testing applies to all conversion projects and new build projects not built by means of Robust Details. At least 10 percent of each type of all new residential properties are tested to determine fulfillment of the regulations and pre-completion testing must always be carried out by an accredited acoustic engineer.

Contact with suitable sound testing companies can be arranged through our technical department.

## Robust Details

Robust Details are high performance separating wall and floor constructions that are expected to be sufficiently reliable not to need the check provided by PCT. A set of design details which achieve compliance with requirement E1 have been approved by Robust Details Ltd.

Builders intending to use any of these design details must register the project with Robust Details Ltd and follow, to the letter, procedures issued by Robust Details Ltd.

For further information on Robust Details visit [www.robustdetails.com](http://www.robustdetails.com)

## Scotland & Northern Ireland

### Scottish Building Regulations Section 5

Deals with the reduction of sound through separating building elements between domestic buildings.

	New build and conversions other than traditional buildings	Conversion of traditional buildings*
Minimum airborne sound transmission ( $D_{nT,w}$ ) (Floors & walls)	56dB	53dB
Maximum impact sound transmission ( $L'_{nT,w}$ ) (Floors only)	56dB	58dB

For further information please visit [www.scotland.gov.uk](http://www.scotland.gov.uk)

## Northern Ireland Building Regulations Part G

Northern Ireland Building Regulations Part G, Sound Insulation in Dwellings

	Airborne sound insulation sound insulation $D_{nT,w}$ dB (Minimum values)	Impact sound insulation $L'_{nT,w}$ dB (Maximum values)
<b>New Build</b>		
Floors	52	61
<b>Conversion</b>		
Floors	48	65

For further information please visit [www.buildingcontrol-ni.com](http://www.buildingcontrol-ni.com)