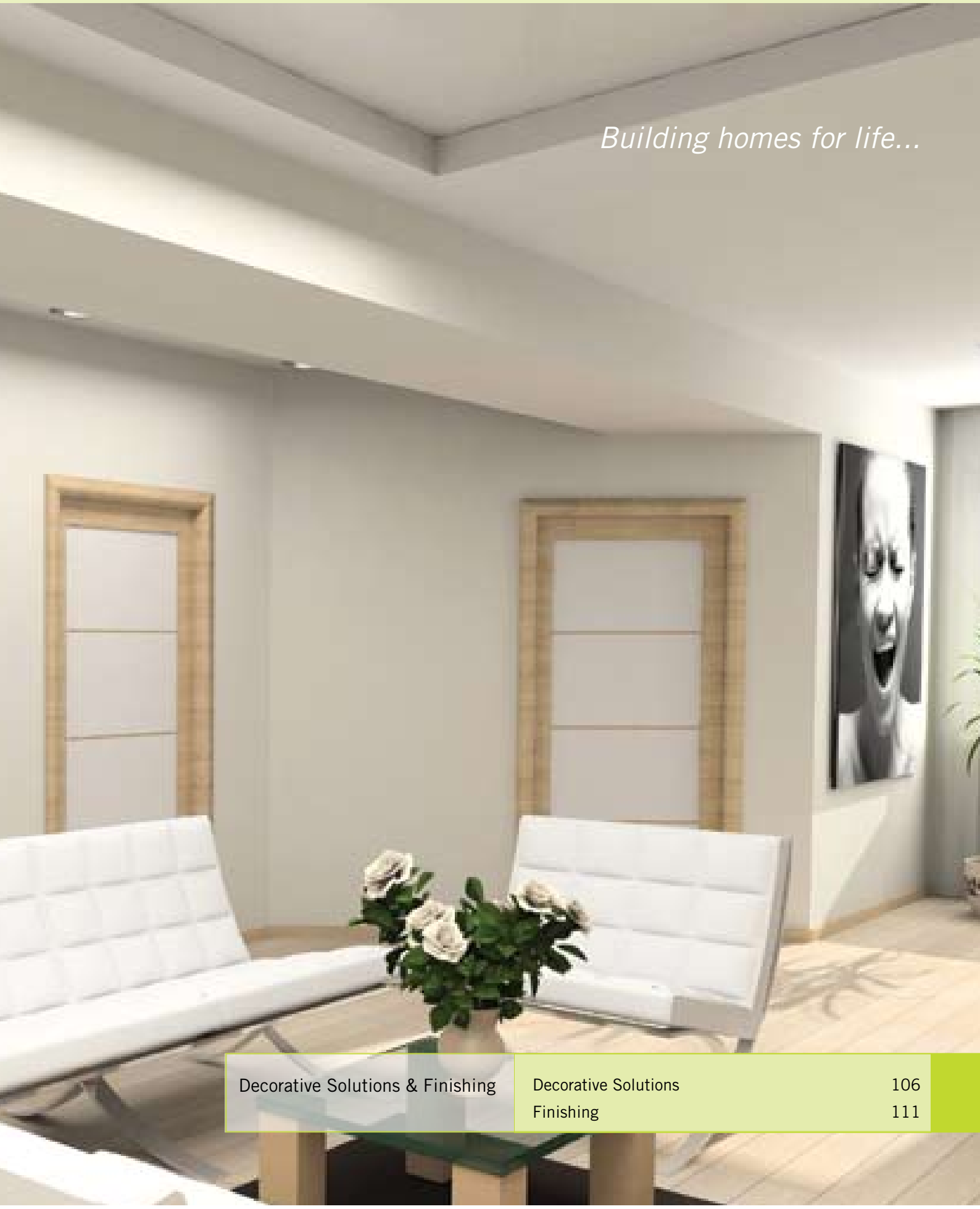
Decorative Solutions and Finishing



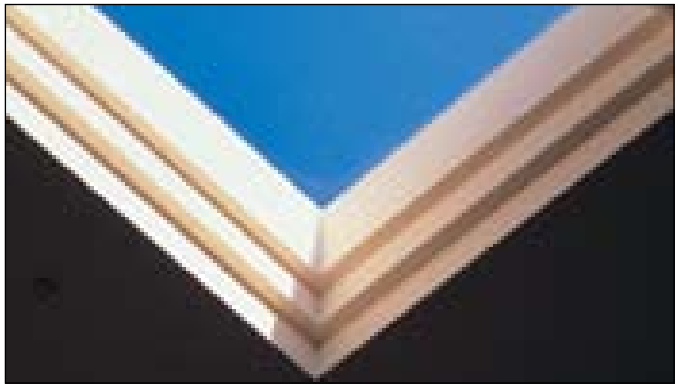
Introduction

Decorative products from Lafarge Plasterboard give free rein to your imagination, letting you add impact and style with ease. Whether your design concept seeks to create subtle shapes and shadows to intrigue the eye, or utilises elegant coving to add a touch of luxury, there's a Lafarge product that's just right for the job.

Profiles

Lafarge offers a range of Softform and Shadowline pre-primed aluminium profiles that allow the creation of features from tight radius bends and bullnose corners, to uplighters and subtle reveals. The immensely versatile Profiles range blends perfectly with Lafarge plasterboards to add stunning visual effects that bring that extra quality, style and 'bespoke' element to any property.

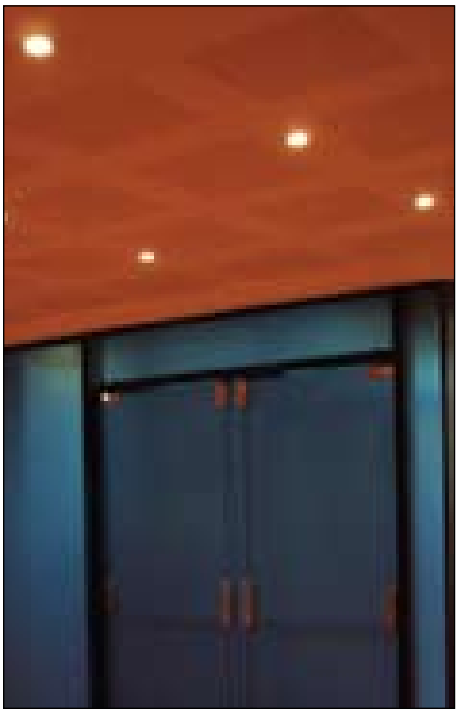
The immensely versatile Profiles range blends perfectly with Lafarge plasterboards to add stunning visual effects



Cove

Whether the property is modern or traditional, Lafarge Cove adds that finishing touch around the home, from stunning living and dining rooms to stylish bedrooms. Products combine to allow ready creation of single or stepped coves to provide the perfect complement to every design. Every Lafarge system combines performance and good looks with ease of installation so you can be sure your concept will be accurately reflected on site.

Decorative products from Lafarge Plasterboard give free rein to your imagination

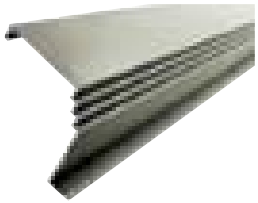


Pregybel

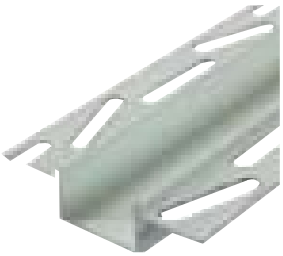
An acoustic decorative solution, the Pregybel range of performance boards is designed for systems requiring superior sound absorption and aesthetic qualities. With an acoustic tissue on the back of each board, the five Pregybel designs help create the right sound environment. Pregybel's superior appearance provides an additional benefit for large open ceilings and walls where the 'look' is just as important as acoustic performance.

Profiles and Cove

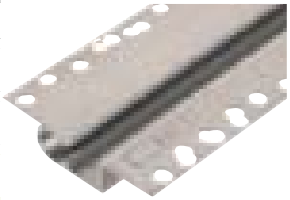
LAFARGE CODE	SHADOWLINE UPLIGHTER		
	Crisp stepped extrusion to incorporate linear lighting.		
	Dimension mm	Length mm	Lengths per pack mm
SUS4	128 X 121.5	3000	2



LAFARGE CODE	SHADOWLINE REVEAL		
	Provides a means of relieving of drywall with recessed accent lines.		
	Dimension mm	Length mm	Lengths per pack
SWR125	12.5	3000	10
SWR25	25.0	3000	10



LAFARGE CODE	SHADOWLINE HANGING REVEAL		
	Incorporates a concealed track for picture and other lightweight hangings.		
	Dimension mm	Length mm	Lengths per pack
SRH125	12.5	3000	10



LAFARGE CODE	SHADOWLINE CORNER STEP		
	Allows complex corner details to be incorporated into wall angles, ceiings, soffits and columns.		
	Dimension mm	Length mm	Lengths per pack
SCS2	12.5	3000	10
SCS4	12.5 x 8.5	3000	10

LAFARGE CODE	SHADOWLINE TRIM REVEAL		
	Enables neat architrave details to be created around door frames, skirtings and at partition junctions.		
	Dimension mm	Length mm	Lengths per pack
STR6	6.0	3000	10
STR125	12.5	3000	10
STR25	25.0	3000	10

LAFARGE CODE	SHADOWLINE FLEX TRIM		
	Allows raised or recessed panels or openings in walls to be constructed with curved edges.		
	Dimension mm	Length mm	Lengths per pack
STF125	12.5	3000	10
STF25	25.0	3000	10

Decorative Solutions and Finishing

Profiles

LAFARGE CODE	SOFTFORM UPLIGHTER		
	Curved casing to incorporate linear lighting.		
	Dimension mm	Length mm	Lengths per pack
SU52	128 X 121.5	3000	2

LAFARGE CODE	SOFTFORM BULLNOSE		
	Creates a smooth round finish to a partition end and projecting bulkhead.		
	Dimension mm	Length mm	Lengths per pack
SB75	41.0	3000	2
SB95	52.0	3000	2

LAFARGE CODE	SOFTFORM CORNERS – OUTSIDE CORNER 90°		
	Allows partitions and wall linings to be constructed with large 90° corners. No additional impact protection is required.		
	Dimension mm	Length mm	Lengths per pack mm
S064	64.0	3000	10
S076	76.0	3000	10

LAFARGE CODE	SOFTFORM CORNERS – INSIDE CORNER 90°		
	Allows partitions and wall linings to be constructed with large 90° corners. No additional impact protection is required.		
	Dimension mm	Length mm	Lengths per pack mm
SI64	64.0	3000	10
SI76	76.0	3000	10

Decorative Solutions

Cove

LAFARGE CODE	COVE 90			
	Gypsum plaster moulding in a traditional cove profile, provides an attractive feature at the junction of walls and ceilings.			
	Length mm	Lengths per pack	Lengths per pallet	Pallet weight tonnes
C090/3000/7	3000	7	350	1.15

LAFARGE CODE	COVE 120			
	Gypsum plaster moulding in a traditional cove profile, provides an attractive feature at the junction of walls and ceilings. Now lighter to make installation even easier.			
	Length mm	Lengths per pack	Lengths per pallet	Pallet weight tonnes
C0120/30	3000	5	250	0.67
C0120/36	3600	5	250	0.79

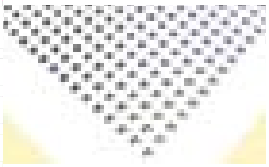
Pregybel

Primarily used in ceiling applications in apartments, foyers and galleries, to provide a high quality environment.

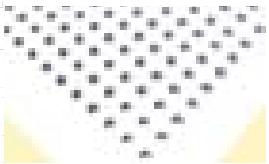
Available in five designs, there is a look to complement any contemporary space.

- Used to create stunning ceilings
- Superior sound absorption
- Aesthetic design
- Circular, square and line perforation

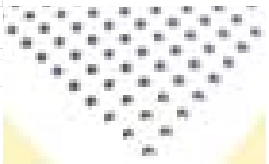
LAFARGE CODE	LAFARGE PREGYBEL C10 n°8		
	Gypsum plasterboard with 10mm square perforations. Perforated area = 16%		
PREGYC10	Thickness mm	Width mm	Length mm
	12.5	1200	2400



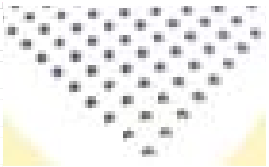
LAFARGE CODE	LAFARGE PREGYBEL R12 n°2		
	Gypsum plasterboard with 12mm round perforations. Perforated area = 13.9%		
PREGYR12*	Thickness mm	Width mm	Length mm
	12.5	1200	2400



LAFARGE CODE	LAFARGE PREGYBEL R15 n°1		
	Gypsum plasterboard with 15mm round perforations. Perforated area = 16.1%		
PREGYR15/1*	Thickness mm	Width mm	Length mm
	12.5	1200	2400



LAFARGE CODE	LAFARGE PREGYBEL R15 n°8		
	Gypsum plasterboard with 15mm round perforations. Perforated area = 11%		
PREGYR15/8*	Thickness mm	Width mm	Length mm
	12.5	1200	2400



LAFARGE CODE	LAFARGE PREGYBEL L5X80 n°8		
	Gypsum plasterboard with 5 x 80mm line perforations. Perforated area = 10.7%		
PREGYL5*	Thickness mm	Width mm	Length mm
	12.5	1200	2400

Finishing Solutions

Low-cost and quick alternative to plaster finish.

Taping and jointing does not involve as much labour or drying out time as a traditional skim plaster. Lafarge taping and jointing systems are used for the seamless jointing of plasterboard. All our jointing compounds finish white, are exceptionally smooth, and easy to sand for a very fine finish.

Using the Lafarge joint compounds range for suggested taping and jointing methods include:

3-Coat system

2 x Fast Set & 1 x Rapid Sand / New Pure Velvet

- Most traditional system, combining the time saving achieved with setting compounds with the fine finish achieved with air drying compounds.
- First two coats will set in 90 mins per coat.
- Final coat of **Rapid Sand/New Pure Velvet**, drying time varies depending on atmospheric conditions.
- The final coat can be machine applied.

2 x Fast Set & 1 x Readymix Lite / FineForm

- Popular method for contractors who prefer to use ready mixed compounds to finish.
- Application as above.
- The final coat can be machine applied.

2-Coat system

2 x Readymix Lite or Rapid Sand

- 2 stage application due to very low shrinkage properties of **Readymix Lite** and **Rapid Sand**.
- Machine or hand applied application.
- Drying time varies depending on atmospheric conditions. **Readymix Lite** and **Rapid Sand** are easy to sand compounds.

Please note: air drying compounds should not be used for bedding external corners: always use a setting compound.

2 x Easy Finish

- The fastest method of completing a joint.
- Allows for one compound to be used throughout (may be used to bed external corners).

Tapered Joints

Internal Angles

Flat Joint

You just wouldn't do it

Time and again it's the way components go together that's critical to their safety. And when it comes to drywall systems it's the same story. Putting products together in the wrong way or 'mixing and matching' from different sources runs the real risk of compromising performance.

Each Lafarge design is rigorously tested as a complete system. No other combination of metals, wallboards and accessories can precisely replicate its performance.

With Lafarge you get innovative, fully independently certified drywall solutions, drawing on quality assured products and services, all backed by comprehensive technical support.

That's why you should always insist on genuine Lafarge Plasterboard products. So, make our systems an integral part of your construction risk management and enjoy the peace of mind that comes from knowing every single component will go together - perfectly.

Avoid the risk - specify Lafarge.

To find out more call: 01275 377789
or log onto www.lafargeplasterboard.co.uk

LAFARGE
PLASTERBOARD

References

Absorption
Conversion of sound energy into heat, often by the use of a porous material.

Absorbent material
Material that absorbs sound energy.

Airborne sound
Sound transmitting through the air, often linked to noise sources such as speech and television.

Airborne sound insulation
Sound insulation that reduces the transmission of airborne sound between adjoining dwellings or parts of adjoining dwellings.

Cavity stop
A proprietary product or material such as mineral wool (fibre) used to close the gap in a cavity wall.

Composite resilient batten
A timber batten that is composed of a timber batten with a pre-bonded resilient material to provide isolation between the flooring surface layers and floor base.

C_{tr}
Spectrum adaptation term (No.2) from BS EN ISO 717-1: 1997 to take account of a specific sound spectra (that are predominantly low frequency based representing 'A' weighted urban noise.

Decibel (dB)
The unit used for different acoustic quantities to indicate the level with respect to a reference level.

Density (kg/m^3)
Mass per unit volume, expressed in kilograms per cubic metre (kg/m3).
Direct transmission
Sound that is transmitted only through the main separating element and involves no other flanking element.

DnT
Standardised level difference. The difference in sound level between a pair of rooms (source and receiving rooms), for a stated frequency, that is corrected (normalised) for the reverberation time (in the receiving room). See BS EN ISO 140-4: 1998.

$D_{nT,w}$
Weighted standardised level difference. A single-number quantity (weighted) that characterises the airborne sound insulation between two rooms. See BS EN ISO 717-1: 1997. Based on field/site test including flanking transmission.

$D_{nT,w} + C_{tr}$ dB
Weighted standardised level difference that characterises the airborne sound insulation between two rooms using spectrum adaptation term (No.2) from BS EN ISO 717-1: 1997 which represents 'A' weighted urban noise.

Flanking element (e.g. flanking wall)
Any building element that contributes to the airborne sound or impact sound transmission between rooms in a building which is not the direct separating element (i.e. not the separating wall or separating floor).

Flanking transmission
Airborne sound or impact transmission between rooms that is transmitted via flanking elements and/or flanking elements in conjunction with the main separating elements.

Flexible closer
A flexible cavity stop or cavity barrier that seals the air path in cavities linking adjoining dwellings.

Floating floor treatment
A timber floating floor system which may use battens, cradles or platform base; all of which use a resilient layer to provide isolation from the base floor and adjacent wall elements.

Flooring board
The boards that form the top surface of the floor. Boards should be wood-based panels 600mm (min) wide.

Habitable room
For the purposes of Part E Robust Details, habitable rooms are all rooms except the hall, staircase and landing.

Internal wall
A wall or partition that divides the dwelling space into different functions but which does not provide separation between different dwellings.

Internal floor
A floor that divides the dwelling space into different functions but does not provide separation between different dwellings.

L_{nT}
Standardised impact sound pressure level. The impact sound pressure level in the receiving room at a stated frequency, corrected (normalised) for the reverberation time in the receiving room. See BS EN ISO 140-7: 1998.

$L_{nT,w}$
As LnT above but weighted standardised impact sound pressure level. A single-number quantity (weighted) to characterise the impact sound insulation of floors. See BS EN ISO 140-7: 1998.

Mass per unit area (or surface density)
Mass per unit area is expressed in kilograms per square metre (kg/m^2).

Mineral wool
A rock or glass based mineral material that can be manufactured in a quilt form or batt (more rigid) form.

Nominal density of gypsum-based board
The density stated in the robust detail with a tolerance of up to -0.3kg/m^2 per layer.

R_w dB
A single-number quantity (weighted) that characterises the airborne sound insulation of a building element from measurements undertaken in a laboratory. See BS EN ISO 717-1: 1997. Based on laboratory test excluding any flanking elements.

$R_w + C_{tr}$ dB
Weighted airborne sound insulation of a building using spectrum adaptation term (No. 2) from BS EN ISO 717-1: 1997, representing 'A' weighted urban noise.

Robust Detail
A robust detail for Part E of the Building Regulations has been given the status of RD following a minimum of 30 "field tests" where the recorded mean performance was 5 dB better then the sound insulation requirements as described in Approved Document E for new build separating walls and floors.

Lafarge Intumescent Acoustic sealant A gun-applied sealant that has resilience and forms a non-rigid caulking. Performs acoustically and for fire protection.

Separating floor
A floor that separates adjoining dwellings.

Separating wall
A wall that separates adjoining dwellings.

The definitions given above are for the purposes of this manual only and are not intended to be rigorous.

A

B

C

D

E

F

G

H

I

J

Notes

Notes