

Welcome to the new Build Center Insulation & Drylining Guide which lists our full insulation and plasterboard product ranges for roofs, walls, floors and drylining.

This guide is structured first by application and then by supplier so that it's quick and easy for you to identify the specific products you need.

Similarly, if you're not quite sure what product you need, we've listed all the product features and benefits for each range in order to help you make an informed decision on the best product solution.

We're pleased to work with all the leading manufacturers in the industry including Rockwool, Celotex, Knauf Insulation, Knauf Drywall and British Gypsum. Our staff are also on hand to answer any technical queries you may have.

All products listed in this guide are available for collection or delivery. To locate your nearest branch, turn to page 97 or visit: [www.buildcenter.co.uk](http://www.buildcenter.co.uk) for more information.

### **And don't forget...**

We sell all the tools and PPE you need to complete the job safely and professionally. Turn to page 91 to help create your shopping list now.

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# Who are we

Wolseley plc is the world's largest specialist trade distributor of plumbing and heating products to professional contractors and a leading supplier of building materials in North America, the UK and Continental Europe.



Build Center is a leading national builders merchant with a nationwide network of branches supplying products and services across the UK.

All Build Center branches carry a core range that includes:

- Bricks & blocks
- Insulation & plasterboard
- Aggregates & cements
- Timber & joinery
- Tools & Ironmongery
- Landscaping
- Drainage
- Civils
- Roofing



Our specialist Ironmongery Center branches also stock an extensive and specialist range of Ironmongery, Power Tools, PPE and Fixings, with over 2000 lines in stock.

All Ironmongery Centers also offer the famous Dryad Architectural Ironmongery range. In branch and field based teams of technical and qualified staff are available to meet customers to discuss their specialist requirements.



As part of the Wolseley group, one of the world's largest suppliers of Timber materials, we have long established relationships with world-wide, market leading suppliers.

Our range includes:

- Carcassing
- PSE & Mouldings
- MDF Mouldings
- Sheet Materials
- Doors & Joinery

You also have the added reassurance of knowing that all our Timber has Chain of Custody (COC).

In addition, our specialist Timber Center branches offer a greater and more in depth range of Timber. They also offer specialist services such as Trussed Rafters, Machining, Treatment and Joinery Services.



All Build Center branches supply an extensive range of Landscape products including block and decorative paving, walling, timber decking and fencing.

Our specialist Landscape Centers also have high quality displays for you to bring your customers to, an extended and specialist product range and a garden & driveway design facility.



The Glass Division stocks and distributes Flat Glass Products used in the fabric of buildings. This includes all thicknesses of Clear Float and Body Tints, Safety & Security Glass products, a full range of Textured Glass for privacy, Environmental Energy saving Glass, Fire resistant Glass to give both integrity & insulation. We also have extensive stocks of Mirror, Picture and Horticultural Glass.



As well as distributing our products in Stock Sheets we also offer a cut size service and have polishing & drilling machinery to produce finished Mirrors, Glass Shelves and Glass Table Tops.



## Sustainability



# SUSTAINABILITY AT THE SBC

Sustainability has come sharply into focus over the last 12 months not only because of the increasing effects of climate change but also due to the rising price of fuel. In both domestic and commercial buildings people are looking for ways in which they can reduce the energy, water and carbon footprint of the property.

The construction industry has a massive responsibility to reduce its environmental impact through increased use of sustainable and ethically sourced products.

As part of Wolseley UK's overall commitment to the environment and sustainability it has developed a Corporate Responsibility Policy. The policy details a number of key initiatives we are a part of and can be downloaded from our website [www.wolseley.co.uk](http://www.wolseley.co.uk).

## Sustainable Product Range

Our aim at Wolseley is to provide a comprehensive range of sustainable products at every stage of the build process. We want to provide easy access to sustainable products through our UK wide branch network.

Build Center is able to offer customers a range of sustainable products that are available to help you meet the increasing demand from consumers and pressure through government legislation.

Products available include:

- Drainage & Water Conservation
- Walls & Floors
- Roofing
- Timber
- Insulation
- Windows & Doors
- Wall Finishes

The full sustainable product range can be found in the Sustainable Product Guide which can be downloaded from [www.wolseleysbc.co.uk](http://www.wolseleysbc.co.uk)



## The Sustainable Building Center (SBC)

The SBC is an award winning and market leading showcase for renewable and sustainable materials located near our Head Office in Leamington Spa. Constantly updated with the latest technologies, the building is a live example of sustainable products in operation.

The building includes a 40-seat Lecture Theatre where various product seminars are held throughout the year. The facilities are also available to hire providing an ideal location to hold your company events and identify ways in which you can provide sustainable solutions to your own customers.



For more information, visit the dedicated SBC website: [www.wolseleysbc.co.uk](http://www.wolseleysbc.co.uk) or email your enquiries to: [sbc@wolseley.co.uk](mailto:sbc@wolseley.co.uk)



## The Wolseley Sustainable Building strategy includes many facets including:

- a. A dedicated team of people across various disciplines
- b. A defined product selection within the overall product portfolio
- c. Established links with key suppliers
- d. A dedicated website and supporting collateral
- e. Advice and guidance on sustainable product use and integration and practices
- f. The Wolseley Sustainable Building Center

**Tel: 0800 529 529**

# WHY IS INSULATION IMPORTANT?

## TO COMPLY WITH BUILDING REGULATIONS

### What is Part L?

Part L makes up part of the Building Regulations for England & Wales. It requires builders to use more energy saving products and processes during the construction of new builds AND during work on existing buildings. Part L 2010 calls for a **25%** reduction in Carbon Emissions compared to the 2006 regulations.

### New Builds:

Part L1A is the section of Part L1 that applies to all new builds. The government have set a target called 'Target Carbon Dioxide Emission Rate' (TER). Basically, this states that the Carbon Emission Rate of a new building (DER) is not greater than the target, TER.

Different buildings have different TER targets, because the TER is based on floor area, building shape and other factors, such as the heating fuel used. This assessment can only be carried out by an official SAP assessor. Assessors can be sourced on: [www.bre.co.uk/SAP2005](http://www.bre.co.uk/SAP2005). The second part of L1A aims to reduce the amount of heating required. So this could include reducing the amount of heat that is lost through the fabric of the building which can be achieved through better insulation and minimising air leakage.



## What about Part F?

It is advised that Part F (ventilation) is read in conjunction with Part L - as important as it is to insulate, Part F explains how it is important to leave sufficient ventilation gaps in order to help fresh air to circulate.

Part L Building regulations are regularly revised and modified. To view the latest changes, visit the Planning Portal at [www.planningportal.gov.uk](http://www.planningportal.gov.uk) and make sure you're up to date!

## Existing Buildings

Part L1B is the section of Part L1 that applies to all existing buildings. Considering 50% of buildings in England and Wales are already 50 years old, reducing carbon emissions dramatically can only be achieved by targeting the buildings that are already standing.

So the government have introduced Part L1B – which suggests that energy improvements to existing properties should be carried out at any appropriate opportunities.

These improvements include establishing worst acceptable U-values for walls, roofs and floors when replacing elements in an existing building such as installing or topping up insulation.



# WHY IS INSULATION IMPORTANT?

## IT'S GOOD FOR THE ENVIRONMENT AND THE END USER'S BANK BALANCE!

The UK has made a commitment to reduce its carbon dioxide emissions (CO<sup>2</sup>) by 80% by 2050. The built environment is expected to account for about half of this reduction.

With the profile of climate change AND energy prices both on the rise, it's inevitable that end users are keener than ever to identify quick and easy methods to help reduce their carbon footprint and reduce their energy bills.

As the diagram shows, improving insulation in roofs, walls and floors is one of the most effective ways to help reduce energy loss. Whether the property is being insulated for the first time or simply topped up – increasing the amount of insulation in a property will, if fitted correctly, help to reduce CO<sup>2</sup> AND cut energy bills.

As a result, insulation is a very easy sell to property owners because it is designed to pay back the cost of its initial outlay very quickly and also again and again over its life time.

# 26%

**26% of heat loss from an uninsulated home is through the roof.**



# 33%

**Walls leak more than any other part of the house - around a 1/3.**



# 11%

**Gaps around doors and floors account for around 11% of heat lost.**



**For more information on the environmental and financial credentials of installing sufficient insulation in a property, visit the Energy Saving Trust: [www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk)**



# GET DOWN TO YOUR LOCAL



## For a wider range of building products

### WE SPECIALISE IN

- ✓ **LANDSCAPING**
- ✓ **TIMBER CUTTING  
& TREATMENT**
- ✓ **CIVILS**



For more information please call:

**0800 529 529**

[www.buildcenter.co.uk](http://www.buildcenter.co.uk)