

LEAD

- » Movement
- » Malleability
- » Money



The Lead Sheet Association

If you would like to find out more about the benefits of British Standard lead and how it can make a difference to your project, please contact the LSA.

Either talk to one of our Technical Officers or your local Regional Marketing Manager.

We are here to help:

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Lead Sheet Association

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LEAD

Don't get wet when the sun shines

The wide range of temperatures now being experienced regularly in the UK can render products made from plastic and bitumen susceptible to water ingress through brittleness, cracking and UV degradation.

Rolled lead sheet is able to cope with wide ranging temperature fluctuations and its malleability ensures it moves in sympathy with a building, vastly reducing this risk.



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There are many roofing products on the market. However, when making the decision about which to choose it is important to consider the effects what changes in the environment, as well as the environmental impact, may have on the material you select.



Movement

Rolled lead sheet, with its BRE Green Guide ratings of A and A+, and the fact it is 100% recyclable validates its great green credentials. However, it also helps you future-proof your building as environmental changes impact on the UK.

Flashings made from plastics and bitumen can be liable to cracking under UV-rays and become brittle over time such that they cannot move in sympathy with the building – they are rigid and fixed. This can lead to water ingress, insurance claims and expensive consequential damage to a building and its contents.

The advantage of using Rolled Lead Sheet as a roofing material, when manufactured to British Standard BS EN 12588, is that its performance is predictable and so provides exceptional reliability and peace of mind. Flashings and other roofing details need to be formed around the roofing contours, tiles and movement joints in a building. Due to the consistency of its thickness, when installed in accordance with the Lead Sheet Association Manual, lead sheet can move with a building without damage, expanding and contracting with a wide range of temperature fluctuations.



Make rolled lead sheet your choice as it brings malleability, versatility and durability to any job.

Malleability



The carbon footprint of lead, compared with most proprietary products made from plastic or bitumen, is extremely low making it a very environmentally friendly material. Its lifespan also means it can last for generations without having to be replaced - on average more than three times longer than other proprietary flashing products.

However, roofs can be particularly vulnerable to cracking and allow water ingress at junctions and penetrations, particularly around chimneys, dormer or bay windows, parapets and gutters. Careful and flexible detailing is needed to ensure a high-quality waterproof performance.

The use of Rolled Lead Sheet, with its unique malleability allows it to be tightly dressed around these junctions and penetrations, and is the only material that can securely protect these areas of a building from water penetration. As the planet warms up, it is going to be even more important to ensure the integrity of a roof and protect it from cracking against increased ranges of temperatures by selecting the best material for your roofing job.



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Malleability
Money

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Rolled Lead Sheet manufactured to BS EN 12588 has been proven to have excellent life-cycle cost advantages. Over a 40 year period lead can be up to 50% cheaper than manmade flashing products and over 65 years almost 100% cheaper. Lead's longevity also means that architects can safely use it in designs needing to comply with Euro code requirements for a 60 year design life.

As well as these impressive figures, it is also important to consider that the National House-Building Council (NHBC) last year dealt with approximately £15 million worth of claims that related to pitched roofs on new-build homes. Reducing claims through proper material selection could reduce insurance premiums.

**When considering what to use on your next roofing project, make sure you make the right decision and...
"Don't get wet when the sun shines"**