

Leadax[®]

Flashing | Original

Flashing | Original

The world's most sustainable lead replacement with the look and feel of traditional lead



**EASY
TO APPLY**



LIGHTWEIGHT



**EXTREMELY
STRONG**



CIRCULAR



NON-TOXIC

WHAT IS LEADAX FLASHING ORIGINAL?

Leadax Original is the world's first lead replacement with the same look and feel of traditional lead sheet, in the product category Leadax Flashing. Leadax Original has no harmful effects on people's health and the environment. A second-generation lead replacement that is applied in the same way as traditional lead. Leadax Original is just as easy to work with and just as strong as sheet lead. Moreover, Leadax Original is certified by KIWA, BBA, and Nemo.

MORE SUSTAINABLE THAN

Leadax Original has the look and feel of traditional lead, but is 31% more sustainable.

LONG ROLL LENGTHS

Leadax Original is available in longer strips. So you can seal larger areas with less overlap, saving you time and materials.

FEW ACCESSORIES NEEDED

Leadax Original is easy to apply. Use a pair of Leadax scissors to cut the product to size, a roller and a lead dresser to mould it and fixing clips to fix Leadax Original to masonry joints quickly and easily.

PRIZE-WINNING PRODUCT

Leadax Original has received multiple awards for its circular and sustainable features and is sold worldwide.



Did you know? Leadax Original has a lifetime expectancy of at least 30 years!



EASY TO APPLY, EXTREMELY STRONG

Leadax Original can be applied easily and quickly. The product has a lifetime of at least 30 years. Certified bij KIWA, BBA and NEMO.



LIGHTWEIGHT, BETTER FOR YOUR BACK

Leadax Original is very thin and light, yet just as strong as lead. It weighs 3,85 kg/m², which is 85% lighter than code 5 lead.



WEATHER RESISTANT IN EXTREME CONDITIONS

Leadax Original is no heavy metal, so temperature changes have less effect on the product. Leadax Original is also highly wind-resistant when used in combination with Leadax High Tack sealant.



UNATTRACTIVE TO THIEVES

Leadax Original has no scrap value, which means it's less likely to be stolen than lead.



NON-TOXIC AND BETTER FOR THE ENVIRONMENT

Leadax Original is not harmful for people and planet.



CIRCULAR WATERPROOFING MATERIAL

The raw material of Leadax Original is r-PVB, the safety foil in e.g. windshields. The product can be recycled and reused after its lifetime.

ADD COLOUR TO YOUR PROJECT

Leadax Original is standard available in three colours: lead grey, black and terracotta. Other colours are available upon request.



Lead grey



Black



Terracotta

Roll dimensions

6 m x 100 mm

6 m x 150 mm

6 m x 200 mm

6 m x 250 mm

6 m x 330 mm

6 m x 400 mm

6 m x 500 mm

6 m x 600 mm

6 m x 1000 mm

THE NEW LEAD

Leadax Original is the new lead, our lead replacement that you might already know.

Leadax Original weighs just $3,85 \text{ kg/m}^2$, which is very light. Next to that is the lead replacement just 3,00 mm thick.



LEADAX DRESSER

Leadax Original can be moulded with a lead dresser. The lead replacement is applied in the same way as lead.



LEADAX ROLLER

Mould Leadax Original and Leadax Easy FA around roof tiles or difficult details. The steel pressure roller is a simple tool to ensure you get the best finish. Easy to use for professional results.



LEADAX SCISSORS

Quickly and easily cut Leadax Original, Leadax Easy FA to size with a pair of Leadax scissors.



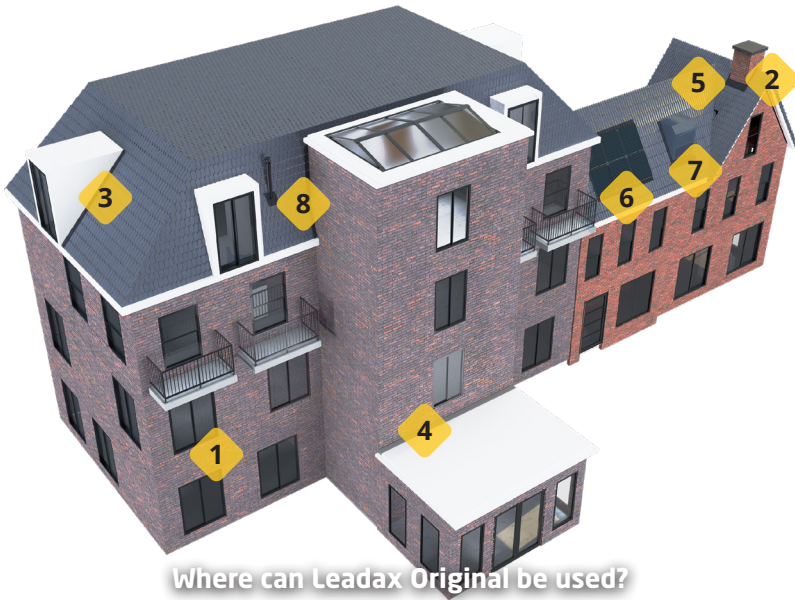
LEADAX HIGH-TACK SEALANT

High performance, strong adhesive sealant with a hybrid MS Polymer-base and a high initial adhesion. Leadax Original is also highly wind-resistant when used in combination with Leadax High Tack sealant.



FIXING CLIPS

Leadax Original can be quickly and easily secured into the joint using joint clamps. The joint clamps ensure stable fixation during further processing.



Where can Leadax Original be used?

1

WALLS AND CASINGS

Leadax Original can be used as a water barrier in cavity walls and under and above window casings.

2

CHIMNEY

Leadax Original can be used at the intersection between chimney bases and roof tiles.

Leadax Original can also be used at chimney flashings to provide a water barrier.

3

DORMER/SKYLIGHT

Leadax Original can be applied to the underside and side of dormers or roof windows as a connection to the tiled roof.

4

EXTENSION

As a watertight connection between an outside wall and an extension.

5

VALLEY AND RIDGES

Leadax Original can be used as valley gutters and waterproofing on the ridges of (tiled) roofs.

6

IN-ROOF SOLAR PANEL

Leadax Original can be used to connect an in-roof solar panel system to a tiled roof.

7

HEATPUMP

Leadax Original can be used to connect a heatpump to a tiled roof.

8

ROOF VENT

Leadax Original Easy FA can be used to connect a roof vent to a tiled roof.



APPLICATION INSTRUCTIONS

- 1 Leadax Original should be applied at temperatures above 5 °C.
- 2 Always make sure the surface is dry and free of grease and dust before applying Leadax Original.
- 3 An overlap (80 mm) can be made by using hot air or Leadax High Tack sealant. The recommended welding temperature is 400-450 °C, depending on the ambient temperature. Use the roller to press down the welding seam.
- 4 In places and areas which are frequently exposed to wind, Leadax Original can be secured using a Leadax High Tack sealant. When moulded or used as facing material, we recommend securing with Leadax High Tack sealant. Also use Leadax High Tack sealant to seal off any edges and seams.
- 5 Leadax Original can be fastened to joints using Leadax fixing clips.
- 6 Use your hands to preform Leadax Original and a lead dresser or roller to mould it into place.
- 7 Leadax Original has protective foil on both the top and bottom sides. Remove the protective foil on the underside before installing Leadax Original. After processing, the protective foil on the top of Leadax Original must be removed within 30 days.
- 8 Leadax Original is suitable with all types of roofing materials. On these materials, only use Leadax High Tack sealant for fixation (no hot air).
- 9 Leadax Original can be used on all lead code 5 applications. However, for flat and low-slope roofs the edges and seams need to be sealed with Leadax High Tack sealant.

About Leadax

Leadax is a Dutch manufacturer of innovative and unique waterproofing products, and a frontrunner in circularity. Long before the concept of circularity came into focus, Leadax developed a circular, sustainable and non-toxic lead substitute.

Leadax Flashings, made from recycled PVB plastic, offer high-quality, non-toxic waterproofing without compromising on quality and ease of installation.

At Leadax, circularity and sustainability are paramount. Our production facility is equipped with over 1500 solar panels (almost energy-neutral), and we use waste as a raw material, making our waterproof building materials even more sustainable.





Using today's waste to prevent forever

Recycling plastic waste and using it as raw material for a circular, low-carbon and non-toxic lead alternative to impact carbon and waste reduction; that is Leadax Flashing.

Leadax Flashings are made from recycled PVB, a type of plastic used in safety glass laminates. Annually, tons of this plastic are either incinerated or buried in Europe due to the lack of alternative applications - until now!

The use of PVB as raw material has also resulted in superior performance compared to traditional lead sheets and other lead substitutes. Leadax Flashings have a high durability and resistance to weathering and UV radiation, making them a more efficient, and cost-effective solution for builders.



AWARD-WINNING PRODUCTS

Leadax has won multiple awards for its innovative circular and sustainable waterproofing products, such as:

- Veluwe Innovation Award (VIP) (2018), The Netherlands
- Final candidate, National Icon (2019), Ministry of Economic Affairs, The Netherlands
- Winner, Dutch Innovation Award (2019), The Netherlands
- Winner, Sustainability Business Award (2019), Dutch Parliament, The Netherlands
- Final candidate, ABN Innovation Award (2019), The Netherlands
- Winner, Oranje Foreign Trade Mission Fund (2019), The Netherlands
- Circular Business Award (2020), The Netherlands
- Final candidate, Global Innovation Award, Globally (2021), Dubai, UAE
- Final candidate, Innovation Award, Batimat (2022), Paris, France
- Selected for CES Las Vegas (2023), Ministry of Economic Affairs, The Netherlands
- Winner, Euromat Innovation Award (2023), Vienna, Austria
- Winner, National Entrepreneur Award (2023), The Netherlands
- Winner, Innovation Building Awards (2023), UK



LEADAX ORIGINAL

THE NEW LEAD



WANT TO KNOW MORE ABOUT LEADAX?



Take a look at **leadax.com**. You can also request a free sample!

Contact information

Leadax B.V.

Ir. R.R. van der Zeelaan 10, 8191 HZ Wapenveld, Nederland

+ 31 (0) 38 337 21 00

info@leadax.com

leadax.com

The logo consists of the word "Leadax" in a bold, sans-serif font, with a registered trademark symbol (®) to its upper right. The text is white and is contained within a white, rounded rectangular shape with a slight 3D effect, set against a dark blue background.

Leadax[®]