

Leadax Flashing
The sustainable Lead Alternative

Installation Guidelines

version 1.0 date: 01-05-2025



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INTRODUCTION

Leadax lead replacements combine reliable waterproofing with consideration for installers and the environment. Lightweight, flexible and easy to install, they help reduce physical strain, while long roll lengths make installation more efficient.

Made from recycled PVB recovered from safety glass, Leadax is non-toxic and recyclable after use.

A proven solution that meets the demands of today's construction industry and tomorrow's.

Leadax Original

Leadax Original is the world's first lead replacement that replicates the look and feel of traditional lead sheets, but without the harmful effects on people and the environment.



Leadax Easy FA

Leadax Easy is a fully self-adhesive lead replacement. Thin, yet strong, it is easy to apply.



TOOLS AND ACCESSORIES

For applying Leadax Flashing, we recommend using Leadax Scissors and the Leadax Solid Steel Roller. Only Leadax High Tack Sealant is permitted to maintain the warranty.

Leadax scissors



Leadax roller



Leadax dresser



Leadax joint clamps



Leadax High Tack Sealant



APPLICATION INSTRUCTIONS LEADAX FLASHINGS

General guidelines

- Leadax Flashing should be applied at temperatures above 5 °C.
- Always make sure the surface is dry and free of grease and dust before applying Leadax.
- Leadax Flashings should always be installed with a fall to avoid the risk of water ponding.
- Leadax must be applied without tension or sagging.
- Always apply Leadax Flashing in a shingle-like manner, without counter seams (starting from the lowest point).
- Remove the protective foil only after processing, no later than 30 days.
- To ensure a watertight connection, always seal seams and edges with Leadax High Tack sealant.
- Leadax is suitable for use on most substrates, provided they are clean, dry, and grease-free.

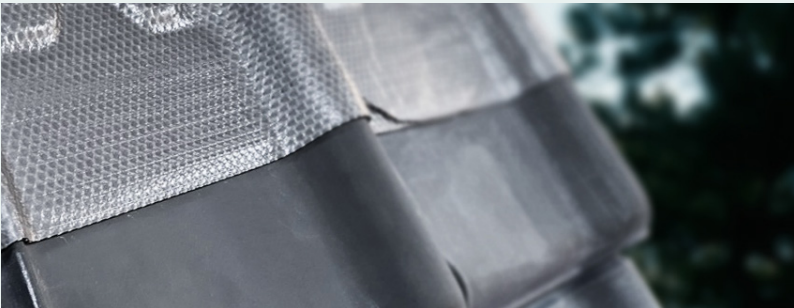
Leadax Original

- Leadax Original is suitable for all 15-, 18-, and 20-pound sheet lead applications.
- Before processing, remove the protective foil from the underside, and after processing, remove the foil from the top side (within 30 days at the latest).
- Leadax Original has protective foil on both the top and bottum sides. Remove the foil on the underside before applying Leadax Original. After applying, the foil on the top must be removed within 30 days.
- Pre-shape Leadax Original by hand and use a Leadax dresser or roller to mould i tinto place.
- An overlap (80 mm) can be made using hot air (400–450 °C) or with Leadax High Tack Sealant (MS polymer). Use the Leadax roller to press the seam firmly.
- In areas and locations with high wind exposure, fix Leadax Original with Leadax High-Tack sealant. When moulded or used as facing material, we recommend securing with Leadax High-Tack sealant.

- When moulded or used as facing material, we recommend securing with Leadax High-Tack sealant.
- Leadax Original can be fastened to joints using Leadax fixing clips.
- Leadax Original is suitable for use with various substrates, provided they are clean, dry, and free of grease. For fixation on these substrates,use Leadax High-Tack sealant only (not hot air).
- On flat and low-pitched roofs, seams and edges must always be sealed with Leadax High-Tack sealant.

Leadax Easy FA

- Leadax Easy FA should be applied at temperatures above 5 °C.
- Always make sure the surface is dry and free of dus tand grease before applying Leadax Easy FA.
- Pre-shape Leadax Easy FA by hand and/or roller.
- Remove the releaseliner always in one smooth and swift motion.
- After applying the first section, remove the second part of the releaseline and apply the second section.
- An overlap (80 mm) can be made by placing a strip of Leadax Easy FA on top of another strip and pressing it down with your hands. Make sure that the strip on which the overlap is being made is dry and free of dust and grease. Use a cleaning wipe with alcohol for this.
- For a waterproof connection, seal the joints and edges with Leadax High Tack sealant.
- After processing, the protective foil must be removed within 30 days.
- Leadax Easy FA can be used in combination with most types of surfaces, provided that they are clean, dry and free of dus and grease.
- For flat and slightly pitched roofs, we recommend using Leadax Original, provided the seams and edges are sealed with Leadax High-Tack.



1.APPLICATION: VALLEY/ GUTTER FLASHING

1.1 LEADAX ORIGINAL INSTALLATION

1. Measure the developed length and width dimension. Cut Leadax Original to size.
2. Mark the dimensions on the Leadax Original, fold up the side water barrier, and form the bend line.
3. If necessary, trim the top and bottom into the correct shape, rounding off the corners.
4. Apply a bead of Leadax High Tack Sealant to both sides of the gutter.
5. Position the Leadax Original. If needed, remove the ridge tiles and one row of roof tiles.
6. Firmly roll it down with the Leadax pressure roller.
7. Apply Leadax High Tack Sealant to areas where water could potentially penetrate.

Note: Create an overlap (minimum 80 mm) using hot air or Leadax High Tack Sealant if the valley gutter is longer than 6 meters. Roll the overlap well with a pressure roller.

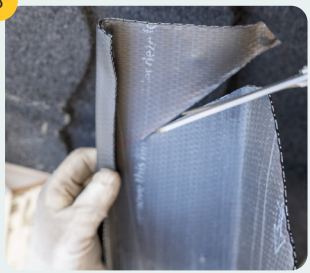
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** The photos are for reference only. Not every action is illustrated with an image*

1.2 LEADAX EASY INSTALLATION

1. Measure the developed length and width dimension. Cut Leadax Easy to size.
2. Mark the dimensions on the Leadax Easy and cut the release liner.
3. Fold up the side water barrier and form the bend line.
4. If necessary, cut the top and bottom into the correct shape, rounding off the corners.
5. Position the Leadax Easy in the valley gutter. If needed, remove the ridge tiles and one row of roof tiles.
6. Then remove the release liner.
7. Firmly roll it down with the Leadax pressure roller.
8. Apply Leadax High Tack Sealant to areas where water could potentially penetrate.

Note: Create an overlap (minimum 80 mm) with Leadax High Tack Sealant if the valley gutter is longer than 5 meters. Roll the overlap well with a pressure roller.

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2. CHIMNEY FLASHING

2.1 LEADAX ORIGINAL - FRONT SIDE INSTALLATION

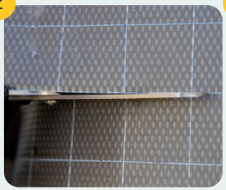
1. Determine the length, measuring up to the first high wave of the roof tile.
2. Cut Leadax Original to size, using the grid pattern on the back. Use the grid pattern on the bottom side. Each square is 5 cm. Round off the corners.
3. Apply a bead of Leadax High Tack Sealant every 30 cm.
4. Position the cut-to-size Leadax Original.
5. Tap it down well with the Leadax mallet, working from top to bottom.
6. Roll it down firmly with the Leadax pressure roller.
7. Measure the top side of the rising masonry, allowing for a minimum overlap of 80 mm.
8. Apply a water barrier at the top of the cut Leadax Original and position it in the joint.
9. Place the Leadax joint clamps in the joint every 30 cm.
10. Bend the Leadax Original around the corner, cutting if necessary. Use the Leadax roller to mold it into place.
11. Seal the joint with Leadax High Tack Sealant, or fill the joint with cement.

Tip: Only remove the top protective film after the joint has been filled with cement.

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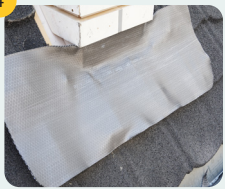
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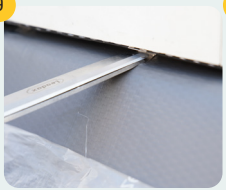
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2.2 LEADAX ORIGINAL - SIDE INSTALLATION

1. Determine the correct length of Leadax Original. Measure up to the first high wave of the roof tile.
2. Cut Leadax Original to size, rounding off the corners.
3. Supply several beads of Leadax High Tack Sealant to the substrate (every 30 cm).
4. Position the Leadax Original and roll it down firmly with the Leadax roller.
5. For connection to the previously applied Leadax Original at the front, ensure the overlap must be a minimum of 80 mm. Use Leadax High Tack Sealant in the overlap.
6. Roll it down well with the Leadax roller to ensure a proper connection.
7. Next, embed the rising masonry with step flashings. Use Leadax joint clamps to secure them in the joint.

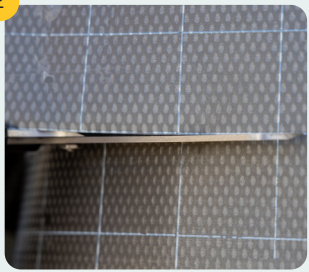
Note: Instead of using step flashings, a waterproof connection can also be achieved by fastening with a compression strip. The compression strip should be sealed with Leadax High Tack Sealant (see photo to the side).



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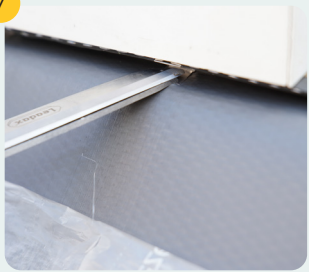
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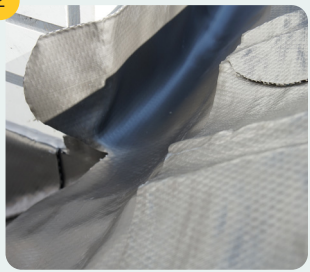


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2.3 LEADAX ORIGINAL - REAR SIDE INSTALLATION

1. Determine the developed size. Connect the previously installed Leadax Original on the sides, ensuring a minimum overlap of 80 mm.
2. Cut and fold the corners, rounding them off.
3. Then roll it down firmly with the Leadax roller.
4. Measure the top side of the rising masonry, ensuring a minimum overlap of 80 mm.
5. Apply a water barrier at the top of the cut Leadax Original and position it in the joint.
6. Place Leadax joint clamps in the joint every 30 cm.
7. Bend the Leadax Original around the corner, cutting if necessary. Use the Leadax roller to mold it into place.
8. Seal the joint with Leadax High Tack Sealant or fill the joint with cement.

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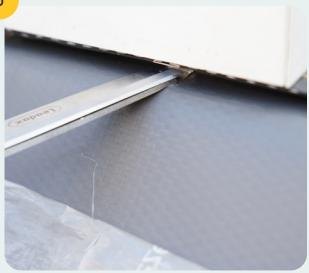
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2.4 LEADAX EASY - FRONT SIDE INSTALLATION

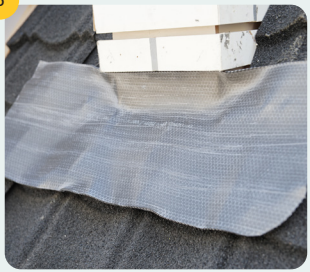
1. Determine the length by measuring up to the first high wave of the roof tile.
2. Cut Leadax Easy to size, rounding off the corners.
3. Position the cut-to-size Leadax Easy, preform it with your hands, and remove the release liner.
4. Use the Leadax dresser to mold it into place.
5. Roll it down firmly with the Leadax roller.
6. Apply a water barrier at the top of the cut Leadax Easy and position it in the joint.
7. Place the Leadax joint clamps in the joint every 30 cm.
8. Bend the Leadax Easy around the corner, cutting if necessary. Remove the release liner and use the Leadax roller to mold it into place.
9. Seal the joint with Leadax High Tack Sealant or fill the joint with cement.

Note: Optionally, Leadax Easy can be fixed against the rising masonry with a compression strip. Seal the top with Leadax High Tack Sealant.

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2.5 LEADAX EASY - SIDE INSTALLATION

1. Determine the correct length of Leadax Easy by measuring up to the first high wave of the roof tile.
2. Cut Leadax Easy to size, rounding off the corners.
3. Position the Leadax Easy, preform it with your hands, and remove the release liner where it will be placed against the masonry.
4. Work from the center outwards. First, remove the first half of the release liner and roll the Leadax Easy down firmly with the Leadax roller.
5. emove the rest of the release liner and roll the Leadax Easy down firmly with the Leadax roller.
6. If necessary, use the brass pressure roller for proper adhesion on finer details.
7. Fix the Leadax Easy against the rising masonry with a compression strip. Seal the top with Leadax High Tack Sealant.

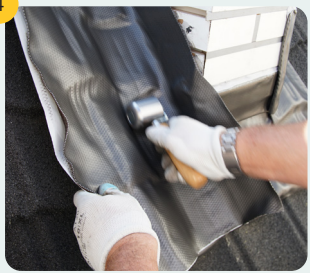
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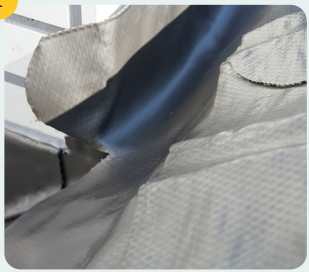


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2.6 LEADAX EASY - REAR SIDE INSTALLATION

1. Determine the developed size. Connect the Leadax Easy to the previously installed Leadax Easy on the sides, ensuring a minimum overlap of 80 mm.
2. Cut and fold the corners, rounding off all edges.
3. Position the cut-to-size Leadax Easy, preform it with your hands, and remove the release liner.
4. Roll it down firmly with the Leadax roller.
5. Fix the Leadax Easy against the rising masonry with a compression strip. Seal the top with Leadax High Tack Sealant.

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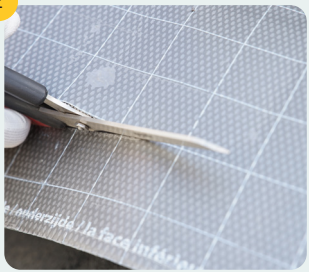
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3. DORMER FLASHING

3.1 LEADAX ORIGINAL - FRONT SIDE INSTALLATION

1. Determine the length by measuring up to the first high wave of the roof tile.
2. Cut Leadax Original to size using the grid pattern on the back, where each square measures 5 cm. Round off the corners.
3. Apply several beads of Leadax High Tack Sealant every 30 cm.
4. Position the cut-to-size Leadax Original and tap it down well with the Leadax mallet, working from top to bottom.
5. Roll it down firmly with the Leadax roller.

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3.2 LEADAX ORIGINAL - SIDE INSTALLATION

1. Determine the length, connecting to the previously installed Leadax Original at the front. Ensure a minimum overlap of 80 mm.
2. Cut the Leadax Original to size, rounding off the corners
3. osition the Leadax Original, ensuring it connects to the (wooden) structure on the side of the dormer. If necessary, trim the Leadax Original to make it easier to bend around the corner.
4. Roll it down firmly with the Leadax pressure roller.
5. For the connection to the previously installed Leadax Original at the front, ensure the overlap is a minimum of 80 mm. Use Leadax High Tack Sealant in the overlap.
6. Roll it down well with the Leadax pressure roller for a proper connection.
7. Next, install the finishing on the side of the dormer.

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3.3 LEADAX EASY - FRONT INSTALLATION

1. Determine the length by measuring up to the first high wave of the roof tile.
2. Cut Leadax Easy to size, rounding off the corners.
3. Remove the release liner where the Leadax Easy will be placed against the underside of the dormer.
4. Position the Leadax Easy, preform it with your hands, and roll it down firmly with the Leadax roller.
5. Remove the rest of the release liner and roll the entire section down firmly with the Leadax roller.

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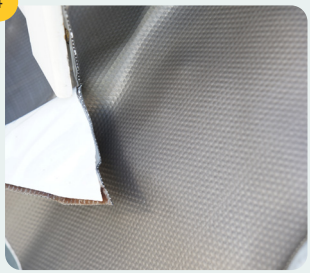
3.4 LEADAX EASY - SIDE INSTALLATION

1. Determine the length, connecting to the previously installed Leadax Easy at the front. Ensure a minimum overlap of 80 mm.
2. Cut the Leadax Easy to size, rounding off the corners.
3. Position the Leadax Easy, preform it with your hands, and remove the release liner where it will be placed against the side of the dormer. Ensure that the Leadax Easy connects to the (wooden) structure on the side of the dormer.
4. If necessary, trim the Leadax Easy to make it easier to bend around the corner.
5. Remove the rest of the release liner and roll the Leadax Easy down firmly with the Leadax roller.
6. Finally, install the finishing on the side of the dormer.

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