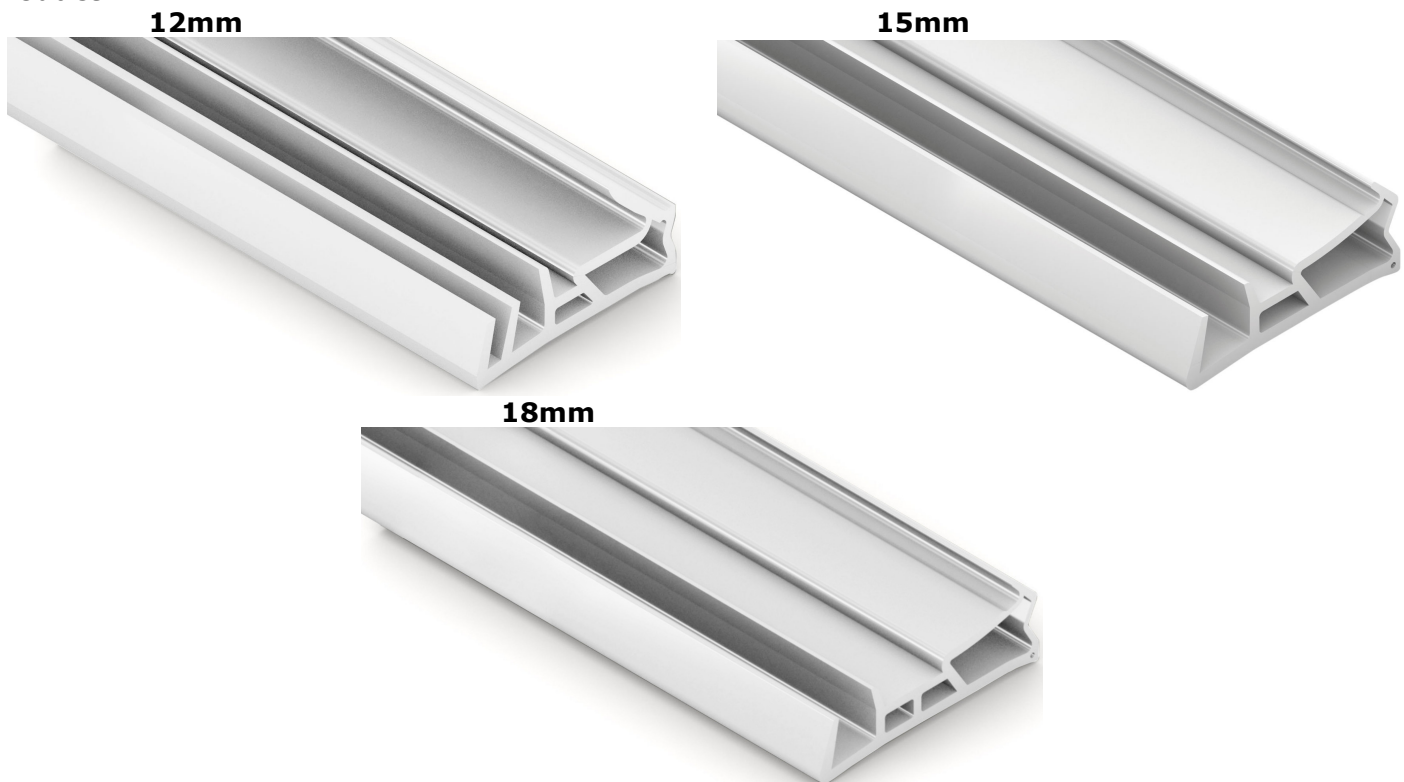


Lozaron Seal – LF2003 / DX1430 & 1431

Product Intro:

The New Lozaron Seal from Schlegel is a high performance window and door seal, focusing on energy conservation and optimal sealing against draughts, water, dust, noise and light. Schlegel's many years of global experience in the design of window and doors components, makes them the outstanding choice for extruded seals. These seals have universal applications and are manufactured from high grade TPE. Ideal for window and external door applications, these seals will provide excellent all round performance for a long time. Available in 3 sizes to suit the 3 main beading sizes of 12mm, 15mm and 18mm. It is supplied in 100m coils and available in White and Black.

Product:



Features:

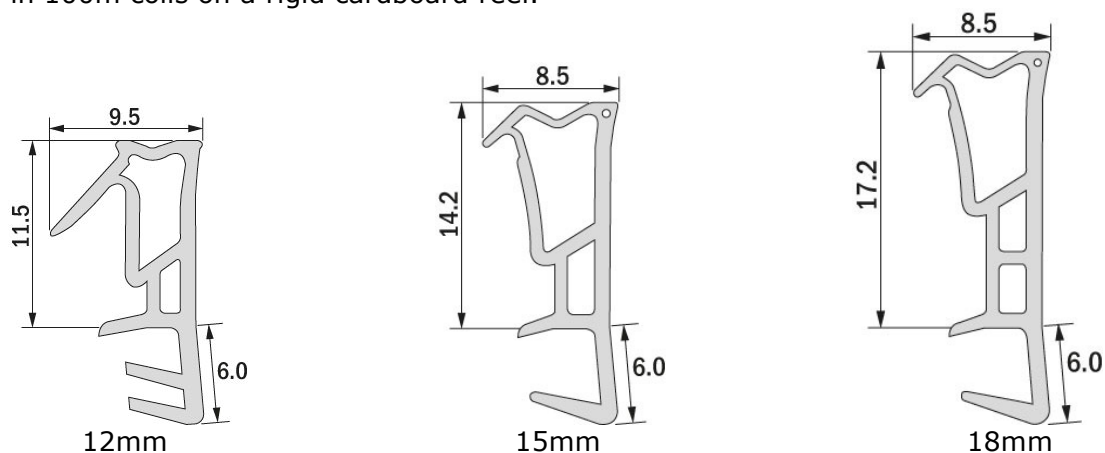
- Manufactured from high grade TPE.
- All sizes seal a gap of 5mm.
- 12mm is designed for grooves 4.0mm wide x 7.0mm deep – use router cutter TCT077.
- 15 & 18mm are designed for grooves 5.0mm wide x 8.0mm deep – use router cutter TCT078.
- Rigid back to aid insertion and retention of the seal.
- High performance over extreme temperatures, superior ageing properties.
- Excellent deflection recovery.
- Can be corner welded.
- Low closing forces.
- Fits into the timber frame and butts up to the beading of a casement window frame.
- Demonstrates high tear strength.
- Resistant to most paints and varnishes.
- UV stable.
- Weather and ozone resistant.
- Excellent acoustic properties.

Features (contd.):

- Simply push fit into the groove.
- 15 & 18mm can be welded in the corners (the 12mm cannot be welded).
- Complies with the requirements of BS EN 14351-1 (Independent testing done on specific window types and does not translate as evidence for every window).
- Complies with the requirements of BS644 for performance in factory assembled timber windows. (Independent testing done on specific window types and does not translate as evidence for every window).
- Tested to BS EN 12365 (Independent testing done on specific window types and does not translate as evidence for every window).

Product data:

- Available in 12mm, 15mm and 18mm heights. Use the correct height to the timber beading.
- LF2003 - 12mm fits into a channel 4.0 (wide) x 7.0mm (deep).
- DX1430 - 15mm fits into a channel 5.0 (wide) x 8.0mm (deep).
- DX1431 - 18mm fits into a channel 5.0 (wide) x 8.0mm (deep).
- Supplied in White or Black.
- Supplied in 100m coils on a rigid cardboard reel.



Technical data:

Manufactured from High grade TPE based on SEBS material.

12mm meets the requirements of BS EN 12365 – W46243.

15mm meets the requirements of BS EN 12365 – W34242.

18mm meets the requirements of BS EN 12365 – W34242.

Life Cycle – 10 years, provided the seal is installed in accordance with the requirements given in the data sheet.

Installation Instructions:

1. Mark the timber beading for cutting. Make sure the "V" of the flipper faces away from the external edge of the window or door (otherwise water can collect in the "V") and that the top edge is flush to the top of the beading
2. Select the appropriate sized Reddiseals Router bit and cut a channel for the foot.
3. Measure the size of the seal required and cut to the required length using Reddiseals cutters, ensuring that it is mitred in the corners.
4. Make sure the surface is clean and dry and free from any surface oils, dirt or sawdust etc.
5. Push fit the foot into the routed groove, making sure it is a good tight fit.
6. Make sure the flipper doesn't fit too proud of the beading otherwise the seal will fail. Similarly, make sure it isn't lower than the beading otherwise water may collect in the gap.
7. Test the window to make sure there is a smooth opening and closing movement.

Maintenance and Installation:

General:

Reddiseals recommend that all Seals are checked prior to and in situ to ensure that the product performs in its application.

During the drying phase of new buildings or renovations where large amounts of plastering or cement based flooring has been installed, water vapour evaporates into the air along with some of the chemicals, causing extremely high humidity levels. This can damage the finishes and corrode the exposed metal. We recommend that the windows are protected as best as possible and are well ventilated.

Please be wood aware. Certain woods, such as Accoya and Oak, are corrosive to most fixings and metals. Do not use brass or steel fixings with Accoya. Certain hardwoods may exude resins that can be corrosive to the brass or steel fixings, leading to a possible loss of functionality of the product. We recommend good quality wood screws for the fixings, and stainless steel for coastal regions, Accoya and Oak. If in doubt, contact our technical team at Reddiseals for further guidance.

Installation:

The seal is a simple push fit into the groove and fits alongside the bead or overlap of the window. A roller can be used to roll the seal into the groove to aid insertion. Please make sure not to damage the seal while doing this.

Maintenance:

DO NOT use any chemical cleaner, because harmful chemicals may attack the plastic, and break it down – Use a cloth soaked in warm soapy water, squeezing out any excess water, then wipe with a clean and dry cloth to remove any remaining water. Clean the timber on the window that the seal contacts in case this has marked the paintwork.

In harsh or coastal environments, it is recommended that our products are cleaned more regularly to prevent harmful deposits, such as salt build-up, settling on the seals and leading to loss of performance. All of our products are manufactured using high quality materials. The finishes have been tested and meet our standards for general wear and tear.

Seals in bathrooms and kitchens may be subject to a damper and more humid atmosphere, and may need more regular maintenance than living rooms.

Never use a solvent spray such as WD40 to remove in-ground dirt, because this can affect the performance of the seal and / or the paintwork on the window.

Quality & Environmental Approval:

Reddiseals operates a Quality Management System that meets the requirements of ISO 9001:2008 and is independently verified by BSI Quality Assurance under certificate No. FM10371.

Reddiseals have an Environmental Management System (EMS) that has been certified against the international standard ISO 14001:2004 under certificate no. EMS637894.

Product Guarantee:

Reddiseals offers a guarantee on the Lozaron Seal, covering product failure due to manufacturing defects, under normal usage is a period of 10 years from date of purchase. The guarantee excludes incorrect maintenance or operation, misuse and abuse, negligence, accidental damage or general wear and tear. Products must not be modified from their original supplied state. Failure to follow these instructions may invalidate your guarantee. For more detailed information, please see our terms and conditions on our website.

www.reddiseals.com/terms-and-conditions

Other Information:

The information contained herein is correct to the best of our knowledge. Due to the hand finishing nature of some of our products, some variations may occur in the size or finish. Prior to purchasing it is recommended that existing standards and regulations are observed. If you have any queries on the correct product for application, please do not hesitate to contact our technical team. Due to our policy of continuous improvement, Reddiseals reserves the right to amend specifications without prior notice.