



THE ORIGINAL EDGE FLASHING FOR METAL ROOFS



Designed and manufactured in NZ
by DLM from imported materials



✓ **EXTREMELY MALLEABLE**

Flashguard is so easy to install, it can be dressed down using finger pressure only, so there is no need for special tools. There is no need for hammering into roof profile, no need for cutting or forcing into shape and hence no risk of scratching, denting or paint damage to the roof.

✓ **VERY QUICK TO INSTALL**

Because of the ease of fitting Flashguard, reduced installation time will result in major savings in labour costs.

✓ **COLOUR MATCHED**

Flashguard is made in over 40 colours available to match the many colours available from metal roof manufacturing suppliers.

✓ **WEATHERPROOF**

The special backing provides a weather sealing membrane with excellent elastic characteristics and resistance to moisture. Flashguard perfectly hugs the contour of the roof profile, preventing birds from gaining access.

✓ **COMPATIBLE**

Compatible with Zinalume®, aluminium and galvanised steel roofing materials, pressed metal tiles and long run metal roofs.

✓ **POTABLE WATER**

Flashguard is approved for installation when collecting potable water off the roof structure.



- ✓ Proven 20 years in the field.
- ✓ Codemark certification.



- ✓ Allows passive ventilation through exposed expansion points on the weathering surface of the edge.
- ✓ Protected leading edge prevents abrasion against roofing eliminating possible roof damage during service and installation.

**FLASHING
SYSTEMS**



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Wellington

Tel 04 567 8125

Christchurch

Tel 03 365 6453

Flashguard is the original soft edged roof flashing, for lock seaming to Zinalume®, galvanised or aluminium roof flashings. It replaces the traditional soft lead that was historically used on galvanised steel roof flashings. As roofing materials have changed, the requirement to meet these changes saw the design and creation of the original Flashguard soft edge by DLM over 20 years ago. This unique product expands and readily shapes snugly to the contours of the metal roofing profile, creating a waterproof barrier without scratching and damaging the paint finish of the roof.

Flashguard-z is suitable for installation over pressed metal tiles and long run metal roofing profiles, which do not exceed 32mm in height. Flashguard is available in standard sizes 43mm, 63mm, 75mm in width. If a wider strip is required (up to 103mm) this is available on request. Flashguard-vz is only available in standard 63mm width.

DESCRIPTION

Flashguard comprises an expandable aluminium strip with a special synthetic backing bonded to the underside. The backing provides an excellent weather sealing membrane on the underside of the expandable aluminium strip. Another key design feature of Flashguard is that it protects the roofing panels from unnecessary risk of damage during installation of the flashings. The synthetic backing layer covers the expandable width of the product, right to the leading edge, to provide a barrier to scratching the paint finish of the roof. This backing has a service temperature range of between -40°C and +90°C and contains only 1% carbon black by weight. A layer of soft paper is applied to the underside of the synthetic backing to prevent it sticking to the roll formers machinery during processing and the roof on installation.

INSTALLATION & HANDLING

MANUFACTURERS

1. Store the coils of Flashguard in a safe and secure manner to ensure the Flashguard edging is not damaged prior to the flashing being manufactured. Preferably store in the sturdy packaging they were delivered in (easy when buying in bulk).
2. Flashguard is supplied coiled in left and right hand for specific feed into roll forming and folding machines.

INSTALLERS

1. Before placing the flashing into position, fold the Flashguard out by hand, using minimal force. Do not remove paper backing.
2. As is normal trade practice, ensure that on the top edge of the long run sheets, the pans are "turned up" to provide a stop end.
3. Affix the flashing to the roof before dressing Flashguard into the roof profile.
4. Dress the lower edge of the Flashguard into the roof profile, using finger pressure only. Start from the centre of the pan and work towards the ribs on either side.



MAINTENANCE

Flashguard should be maintained for the duration of the life of the roof. Normal rain washing will remove most of the accumulation of dirt and salt. It is recommended, as it is with the rest of the roof, that Flashguard should be cleaned with a soft bristle nylon brush and clean water at least once a year, and more often in severe environments. When installed correctly and maintained, Flashguard satisfies the 15 years durability requirement of the NZ Building Code.

*For maintenance guide please visit our website: www.dlm/flashguard.html and download the brochure.

COLOURS

Flashguard is available in over 40 colours carefully matched to those supplied by metal roof manufacturing suppliers. The paint system meets the durability requirements of AS NZ 2728:2013.

PACKAGING

All Flashguard is supplied standard in ready to use in 120 metre or 60 metre coils, shipped in tough cardboard packaging (no special freight handling requirements). Easily stacked up to 10 rolls per pallet. No double handling into racks. Packaging is clearly labelled with colour and batch number.

WARRANTY

Flashguard is the original aluminium soft edge flashing, designed to meet the changing requirements in the New Zealand roofing industry. Flashguard has a 15 year Durability and exceeds all aspects of the New Zealand Building Code and has Codemark certification. Flashguard has been used by metal roof manufacturers in New Zealand for more than 20 years. It meets all the durability requirements of E2 AS1 and is suitable for potable water collection. The paint system meets the durability requirements of AS NZ 2728:2013.



CODEMARK

Codemark Criteria: The Building Act 2004 and the Building Regulations 2008 are the basis of setting the criteria and standards to be met. All Codemark certifications are independently certified and audited regularly to ensure evaluations remain up to date and consistent. Codemark is the highest certification and cannot be challenged by Territorial Authorities without proof that the system or product fails the Building Code requirement.

Aluminium Mill Finish

BasaltBase™

Bone White

Cloud

Dark Grey Primer

Desert Sand

Ebony

FernFron™

FlaxPod™

Grey Flannel

Greyfriars

Gull Grey

Ironsand

Karaka

KowhaiGlow™

Lichen

Light Grey Primer

Lignite

Mist Green

New Denim Blue

Nimbus

Permanent Green

Pioneer Red

Rivergum

SandScape™

Sandstone Grey

Scoria

Slate

Slate Blue

Smokey

Smooth Cream

Stone

Storm Blue

TernStyle™

Terracotta

Threadbow White

Thunder Grey

Titania

TuiTuft™

Weather Copper

Windsor Grey

Zinc Metallic

GENERAL MAINTENANCE REQUIREMENTS FOR FLASHGUARD

Flashguard should be maintained for the duration of the life of the roof. Normal rain washing will remove most of the accumulation of dirt and salt. It is recommended, as it is with the rest of the roof, that Flashguard should be cleaned with a soft bristle nylon brush and clean water at least once a year, and more often in severe environments. When installed correctly and maintained, Flashguard satisfies the 15 years durability requirement of the NZ Building Code.

ENVIROMENTAL CONSIDERATIONS

Very Severe

Very severe is defined by the relative distance to the coast and includes areas particularly on the West Coast. Any installation that is in very close proximity to the water's edge, where windblown salt spray exposure is high.

Severe / Severe Marine

Severe / marine severe is defined as the relative distance to coastal environments that will during extreme weather condition, generate windblown salt spray exposure. This range can also include geothermal areas.

Moderate

Moderate environmental conditions are areas that have high, but not excessive amounts of airborne environmental particulates that will affect the installations if left unwashed for extended periods. These area can include some geothermal and coastal areas.

Mild

Mild environmental conditions are those area that have very small risk of airborne particulates which could affect the installation.

EXTREME MAINTENANCE REQUIREMENTS

It is recommended that in **Very Severe** and **Severe Environments** regular cleaning is carried out on the Flashguard soft edge. This should be done with a soft bristle nylon brush and clean water. At the first sign of any potential corrosion or damage, remedial repairs should be carried out. In the event of any visible signs of deterioration in the Flashguard soft edge, please check that there are no external elements creating a negative environment that is contributing to the deterioration. This could include, but is not limited to non-compatible materials in relative proximity, discharge particulates from Flued Appliances and residual environment run off.

Failure to carry out regular maintenance and inspection of the Flashguard soft edge will void any warranty based on the durability requirements of the Flashguard soft edge.

ADDITIONAL RECOMMENDATIONS

Flashguard soft edge is an expandable aluminum material that has been manufactured to a specific material requirement. If the paint coating is compromised by any installation or environmental elements, it is recommended that immediate remedial work is carried out to correct the damage. Care should be taken to ensure any remedial work does not impact on surrounding materials, which could void warranties of the other roofing components. If more information is required please do not hesitate in contacting DLM via the website www.dlm.co.nz for technical assistance.

FLASHGUARD has a 15 durability warranty and is Codemark certified. If correctly installed and maintained Flashguard, will compliment all metal long run and pressed metal roofing installations.