

Anti-Climb Barrier

Designed with security in mind to prevent unauthorised access to the roofscape, Skyline Anti-Climb is a good-looking Architectural Aluminium design solution and a bold, economical and highly effective architectural security feature. Any type of building can benefit, but Skyline Anti-Climb Barrier is particularly suitable for buildings where high security is an important consideration.



Applications

- For maximum security in high risk areas
- Suitable for new build and retrofit
- Can be used with all Alumasc gutter systems
- Ideal for use in connection with Alumasc Guardian Anti-Climb downpipes

Features & Performance

- Lightweight, durable and corrosion resistant
- Coefficient of linear thermal expansion is $23 \times 10.6\text{mm/m/oC}$
- Where butt joints occur over an internal union bracing clip, a 2-3mm expansion gap must be provided
- Minimal maintenance required
- Life expectancy of aluminium: 40 years (rural/suburban areas); up to 25 years (industrial/marine areas)
- Aluminium is 100% recyclable

Manufacture

- Manufactured entirely in the UK
- Barrier sections are delivered to site preformed to shape, with loose union bracing clips
- Barriers are made from rolled 2mm heavy grade aluminium sheet to BS 1470: 1972 fixed to loose union bracing clips located at 625mm centres
- Brackets are made from galvanised mild steel bar, bent and predrilled for fixing to the building fascia

Colours & Finishes

- BBA approved polyester powder coatings in 16 factory applied colours from our in-house powder coating facility
- Any BS or RAL colour available to order

Installation & Fixings

- A complete system solution with all components supplied for installation on site
- Full installation and on-site support available



Anti-Climb Sectors

There are many building types where prevention of unauthorised access is vital. Inadequate security can result in personal injury to building occupants, theft of valuables, and confidential data being compromised. Following are just some of the sectors that can benefit from Skyline Anti-Climb security.

Schools

Child safety and protection of data are of major importance in schools. New build schools today are frequently single storey structures with relatively low rooflines to which unauthorised access is relatively easy.

Skyline Anti-Climb Barriers provide a visually attractive and highly efficient way of preventing such unwanted intrusion.



Secure Units

In buildings where valuable objects or sensitive data are kept, the risk of illicit and not easily detected access from the roof is an ever-present possibility. To prevent this, adequate protection is essential.

The unclimbable profiles of Skyline Anti-climb provide a secure defence against such illicit intrusion.



Prisons

In prisons keeping outsiders out is as important as keeping inmates securely confined within. In secure buildings, it is not only vital to keep inmates securely confined, but to prevent prohibited entry for unlawful purposes

The roof is often an unprotected means of access, against which Skyline Anti-Climb is an effective barrier at the eaves.



Healthcare

It is vital to provide security and peace of mind for patients and staff alike. But, because healthcare buildings contain valuable equipment, they are sometimes a target for major theft. Large and valuable items of medical equipment have been stolen by thieves who have gained access via unprotected flat roofs.

Skyline Anti-climb denies thieves roof access to the building interior.



Anti-Climb Range Overview

The standard Skyline Anti-Climb range gives designers great flexibility to create appealing and effective defence against unwanted intrusion at the roofline in new build and refurbishment projects alike.

Skyline Anti-Climb offers fascia solutions that are both visually attractive and practical and suited to an enormous number of potential applications in buildings across many sectors.

Endcap

Provides a clean finished edge to the roofline and seals off the end for better system protection

Engineered Bracket

The heavy duty galvanised bracket is designed specifically for each project to ensure maximum security and alignment when installed.



Corner

Provides a finished edge to the roofline and seals off the end of the system to prevent tampering.



Standard Components

Braced Union

Manufactured from 3mm thick aluminium the Braced Union combines with the bracket to provide the framework for Anti-Climb Drum. Installed at 625mm centres, the 100mm wide union gives stability to each joint and additional strength along the roofline.



Drum

A robust 2mm thick heavy duty aluminium drum section is highly effective again in high secure areas where roof areas boundary walls need protecting from unauthorised access.

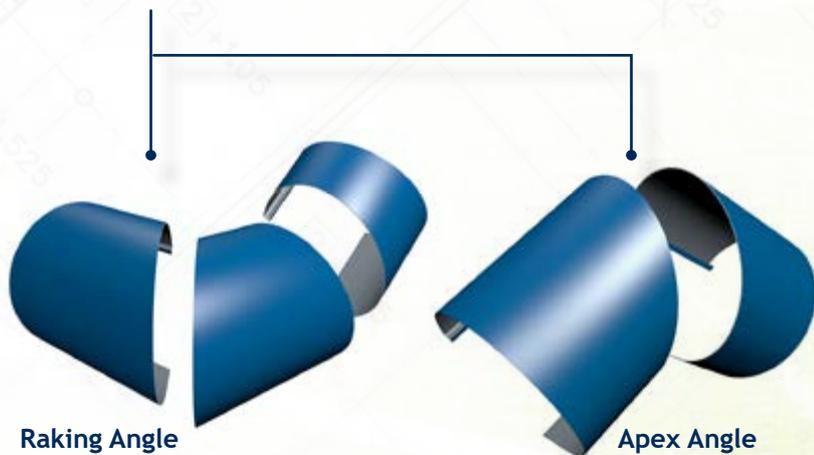
Make-up Piece

Designed for use around the building for authorised maintenance access.

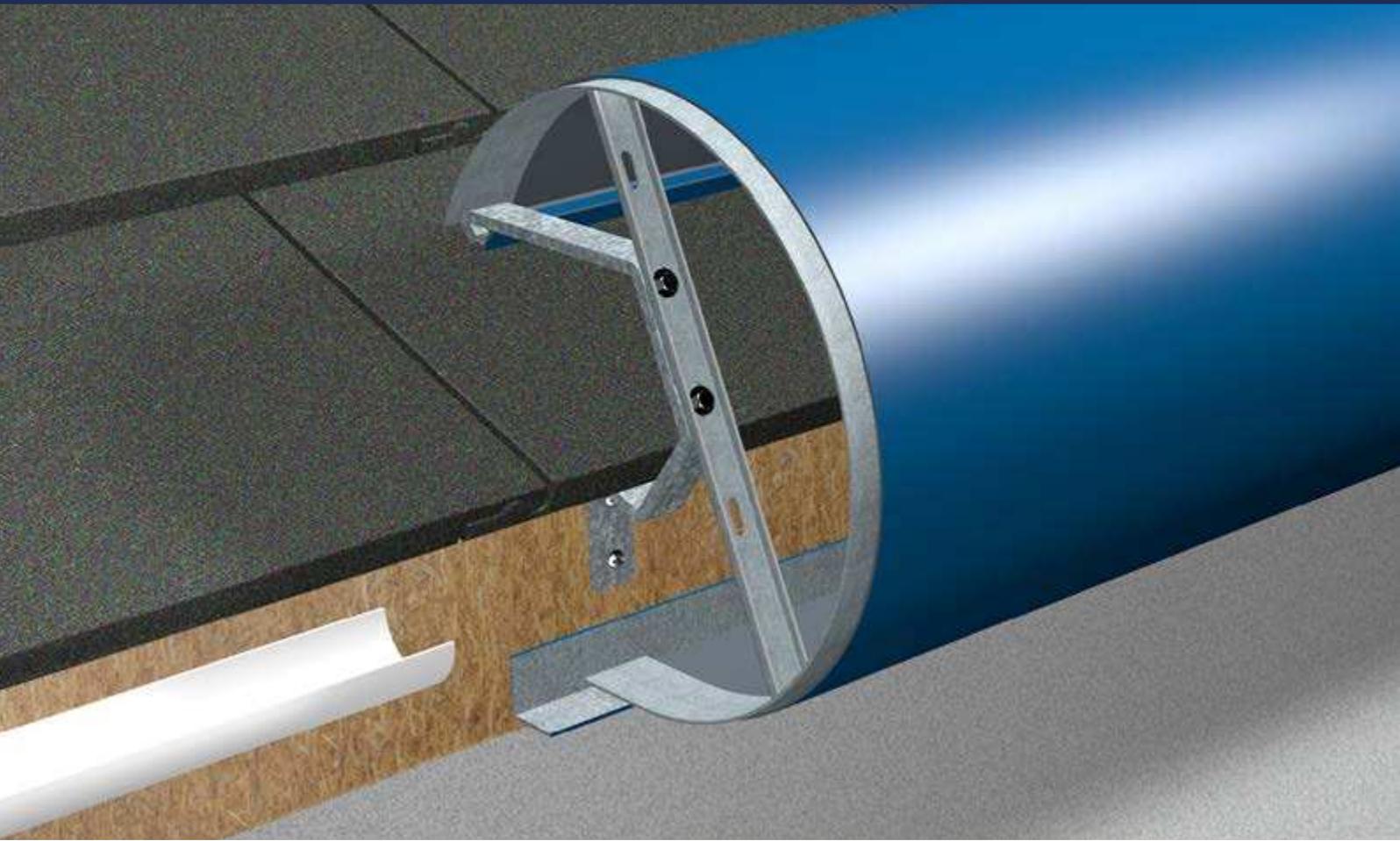


Apex & Raking Angles

Where the roof requires continuous protection up to the gable end, both Apex and Raking Angles are available to complete a secure installation.

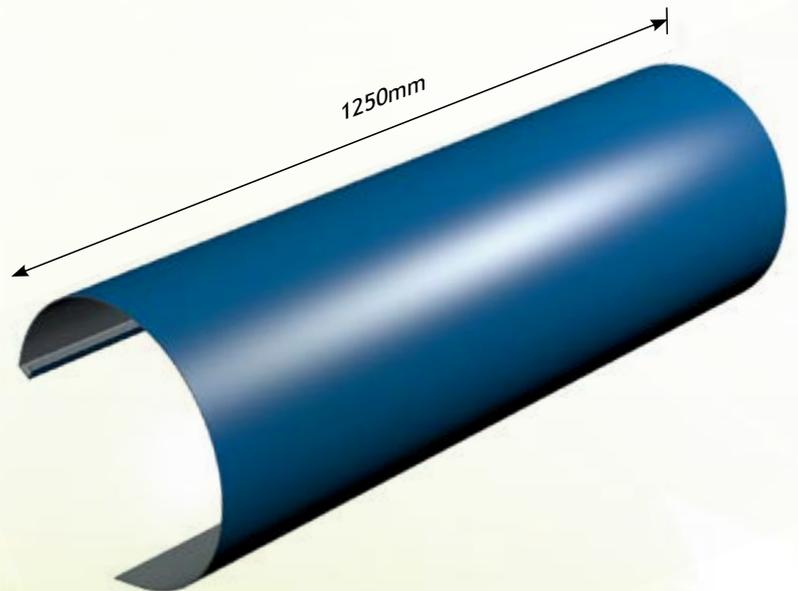
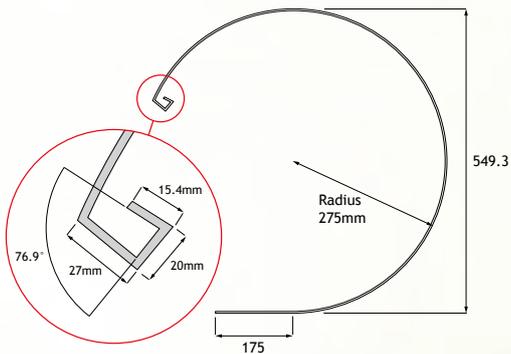


Anti-Climb Components



The Skyline Anti-Climb System is designed for installation on any type of roof. The bracket fixing arrangement is purpose designed to suit each individual roofing application.

Drum



Product Code

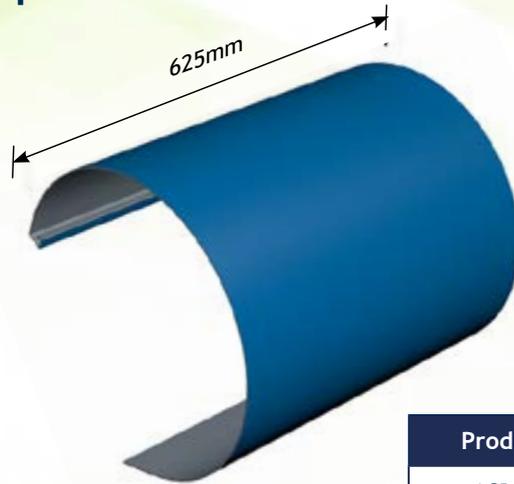
ACB/1250/LTHPPC

End Cap



Product Code	
Left Hand	Right Hand
ACB/SELHPPC	ACB/SERHPPC

Make-up Piece



Product Code
ACB/MUPPPC

Heavy Duty Bracket



Product Code
ACB/BRKT/VAR

Retrofit Bracket



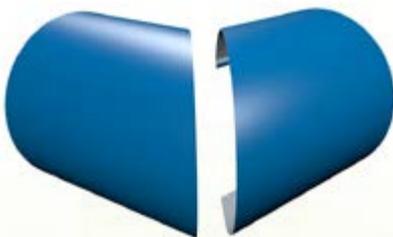
Product Code
ACB/BRKT

Union



Product Code
ACB/UNIPPC

Corner



Product Code	
External	Internal
ACB/EAPPC	ACB/IAPPC

Raking Angle Including Irregular angles



Product Code
ACB/IRAPPC

Apex Angle



Product Code
ACB/AAPPC

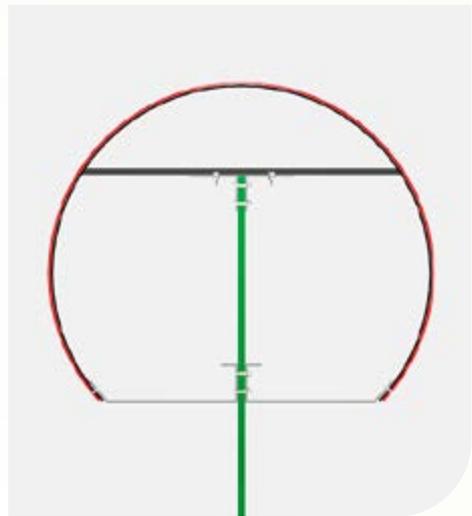
Anti-Climb Typical Applications

The Skyline Anti-Climb System is designed for installation on any type of roof. The fixing bracket arrangement is purpose designed by Alumasc to suit the client's specific project application. This allows all components to be fixed accurately during installation, ensuring correct alignment of the Anti-climb barrier to maximise protection and security

In addition to roofline application, Skyline Anti-Climb can also be installed effectively to cap security fencing, on parapet walls, and indeed on any part of a structure vulnerable to unauthorised access through climbing.



Security Fencing



Security Fencing



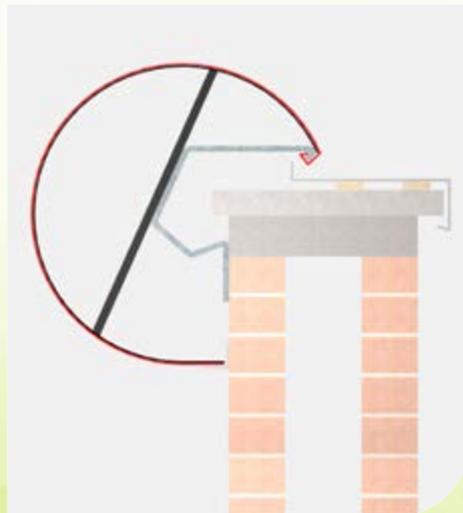
Traditional Roof



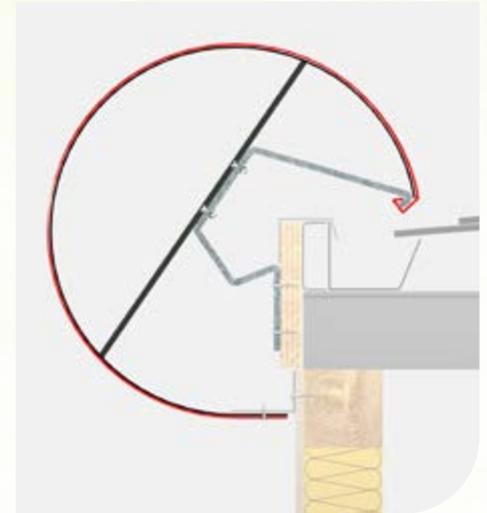
Retrofit RF Bracket



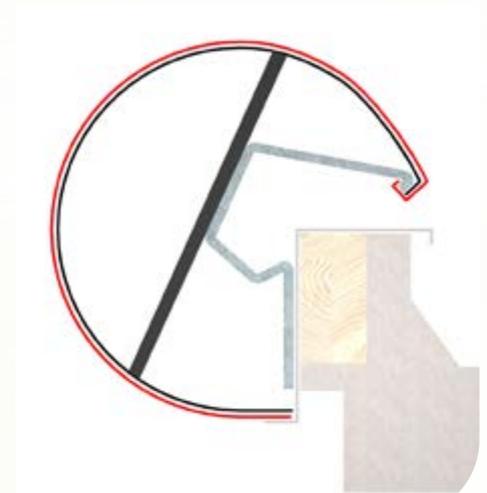
Parapet Wall



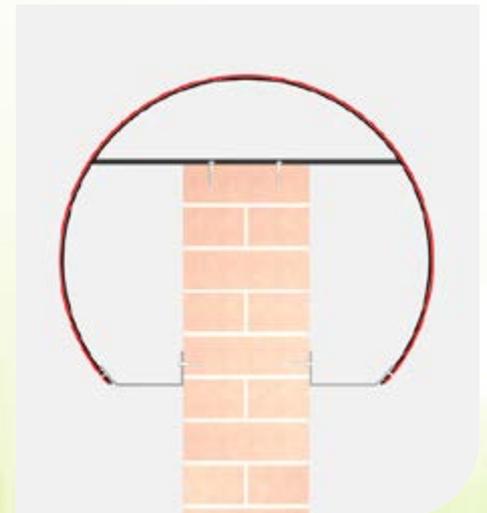
Mono-Pitch Roof



Flat Roof



Boundary Wall



Here are some examples of the various applications for which Skyline Anti-Climb is an excellent protective measure against unwanted intrusion.

