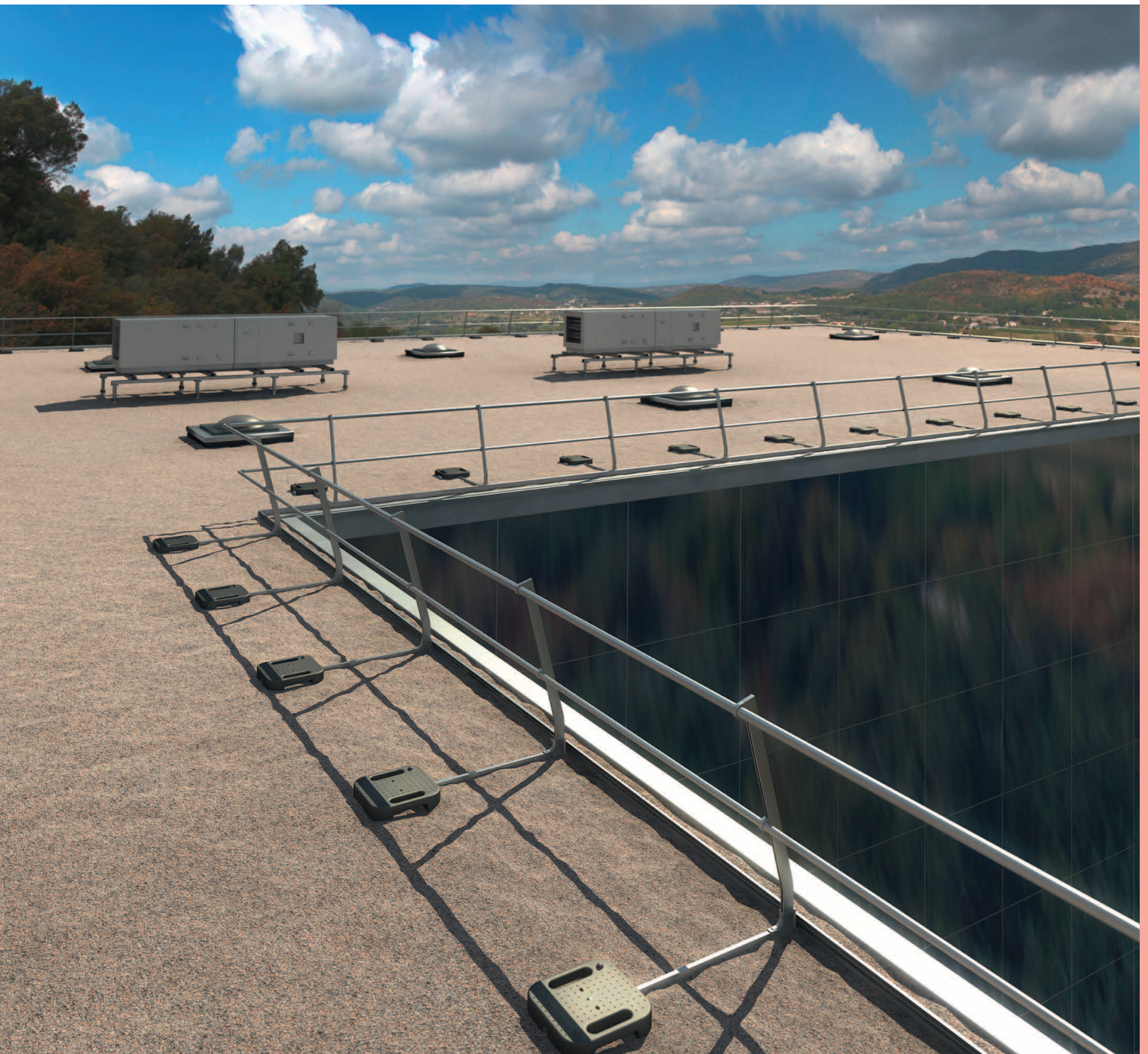


Self-supporting Barrial®

Aluminium self-supporting safety railing system for flat roofs.



Self-supporting Barrial®



+ Rapidity of fixing

The factory-mounted brackets allow the rails and the handrail to be fixed rapidly. The jointing sleeve makes the assembly of the posts and rails easy and accurate. Only one tool is needed: a hex key, included with the delivery.

+ Ergonomics

The flat shape of the counterweights is ideal for all flat roofs build ups. Two integral handles allow easy handling.

+ Finish

The slim design and a wide choice of colours for the Danilac powder-coating (250 RAL shades) allow the system to form an unobtrusive part of the architectural appearance of the building.

+ Quality

Self-supporting Barrial meets all European statutory requirements and holds the GS European product safety certification mark.

Description of the system

Self-supporting Barrial is a ballasted aluminium railing system for flat roofs.

It comprises a collective and permanent system for protection against falling from height, which meets all statutory constraints.

Not suitable for roofs when general public access is permitted.

Elements of the system

- 1 Counterweight
- 2 Rail
- 3 Jointing sleeve
- 4 Post
- 5 Handrail
- 6 Intermediate rail
- 7 Skirting (if necessary)

A tested and approved system

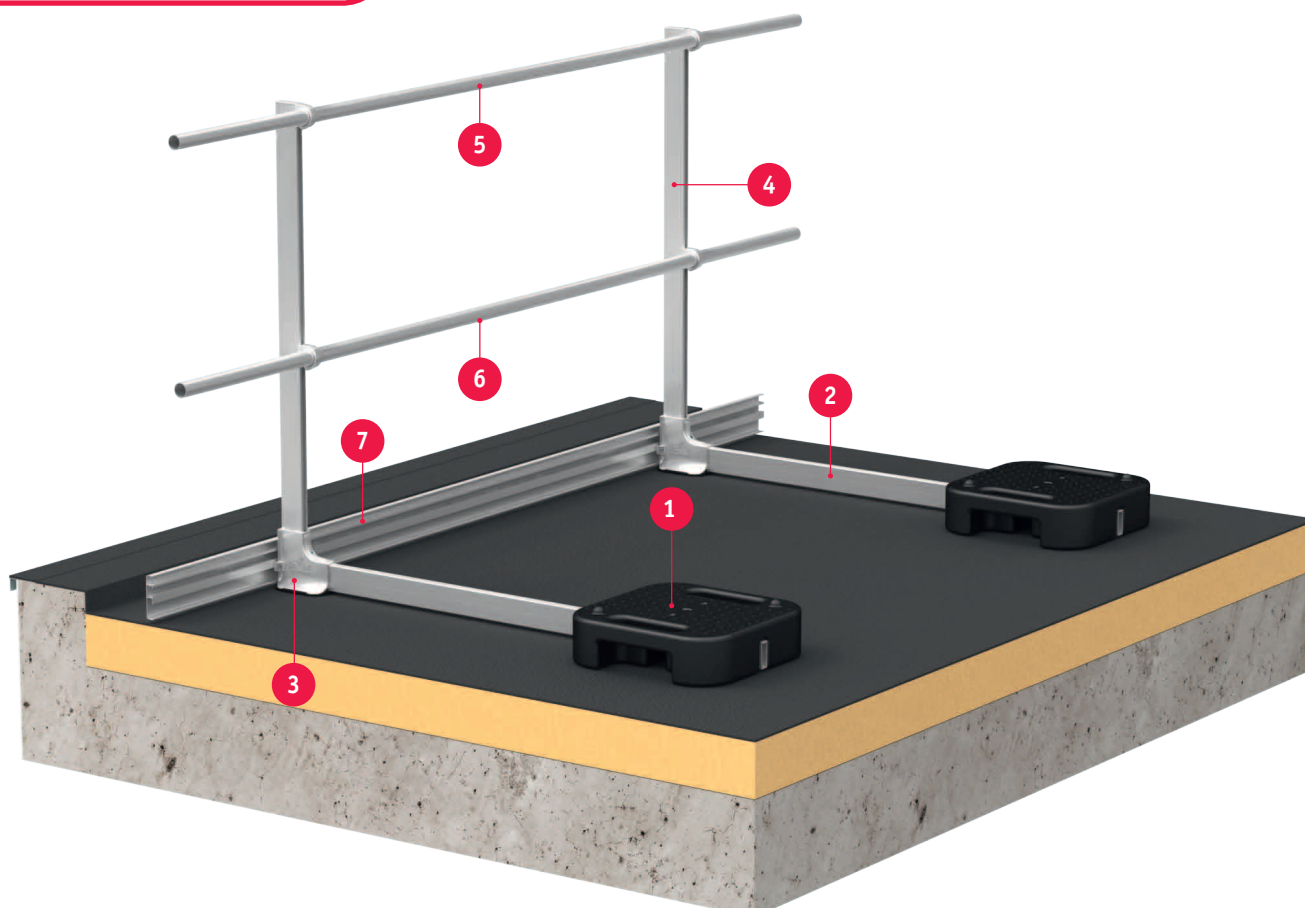
Barrial has been subjected to tests in accordance with standard NF E 85-015, carried out by an independent, accredited organisation. The test certificates are available on request.

Barrial also holds the GS European product safety certification mark. This approval requires a regular audit of dani alu's quality of manufacture and of service by a certified organisation.



	DIN EN ISO 14122-3	DIN EN 13374 category A
Handrail	45 mm	Ø 35 mm
Intermediate rail	Ø 35 mm	Ø 35 mm
centres	max. 1.500 mm	max. 2.000 mm
Skirting*	100 mm	150 mm

*In the absence of a parapet wall, or if it is low (< 100 mm), a skirting will be needed.



Self-supporting Barrial®



Counterweight

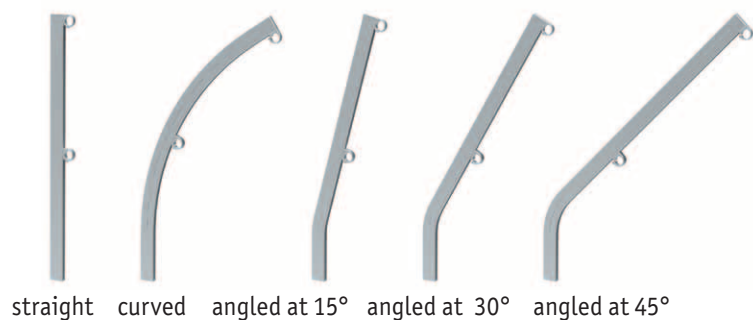
The counterweights have very many advantages:

- rounded edges (A)
- sizing to comply with standards
- vandal-resistant fixing
- easy handling, using the recessed handles (B)
- space saving in storage and transport due to their flat shape and interlocking studs (C)
- weight of 25 kg, to comply with Labour Code legislation

Post

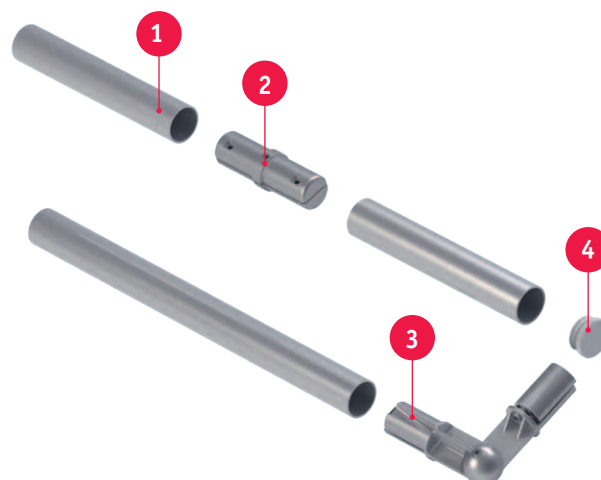
Self-supporting Barrial is available in five standard versions of posts.

The curved (1000 mm radius) and angled (15°, 30°, 45°) patterns allow the railings to contribute to the appearance of the external wall. They also serve to keep users away from the edge of the roof. In addition, if the edge of the roof is at the maximum permitted development height, they may remain within the permitted overall size of the building.



Handrail, intermediate rail and accessories

The elements of the system are lightweight and easy to handle. The joints, the varying angles at corners and the brackets are designed to fit together rigidly very quickly, using a single tool. The varying angles at corners adapt to buildings of any shape.



- 1 Counterweight
- 2 Junction
- 3 Corner at varying angle
- 4 Stop end



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FRANCE
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E-mail: contact@danielu.fr
www.danielu.com

Self-supporting Barrial®

Date: _____ Page: _____ of _____

Company/Address/Stamp: _____

Phone: _____ Contact: _____

Fax: _____ Mobile: _____

Site reference: _____ E-Mail: _____

(Tick the options required)

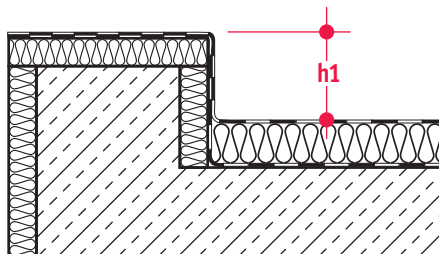
☐ Order ☐ Request for quotation

☐ 13374 - class A ☐ 14122 - 3

Type of project ☐ new ☐ refurbishment Stage of project ☐ design ☐ on site

For precise advice, please give the following information. In the case of an order, please enclose also a measured survey or a roof plan.

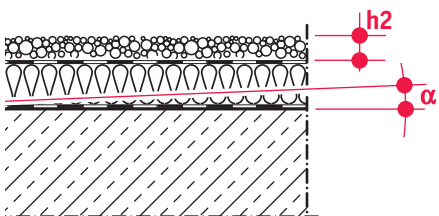
Height of parapet wall



Height $h1^*$ = mm _____

* If there is no parapet or if the parapet is low (< 100 mm), a skirting will be needed.

Nature of the support



Thickness $h2$ = mm _____

☐ Heavy protection

☐ Vegetation

Slope α = ° _____

Choice of post



☐ straight



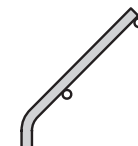
☐ curved



☐ angled at 15°



☐ angled at 30°



☐ angled at 45°

Finish

☐ Unfinished aluminium

☐ Danilac powder-coated aluminium
to RAL colour: _____

Quantities

Length of parapet wall (m*) _____ No. of flat roofs _____

No. of angles _____ No. of ends _____

*(external dimensions)