Ancillaries

# ALPHA PROFILE

A visually striking triangular profile that mimicks the look of traditional roofing systems.



BBA 14/5118 (1)

Simple to install and highly customisable, the Alpha Profile is recommended for the simulation of traditional metal/zinc roofs in both new construction or refurbishment. Hot-Air applied on completed Single Ply waterproofing systems.

## Presentation

- Length (cm): 400
- Width (cm): 3.5
- Thickness (mm): 1.5
- Product code: 320131

## Technical Data

| Concept | Value | Standard |
|---|---|---|
| Traction resistance perpendicular of the faces (kPa) | C"320155 | CAN ACC \| Canister Flushing Attachment |

## Scope

- Used as an aesthetic complement to DANOPOL synthetic sheets made of PVC-p.

## Advantages & Benefits

- Compatible with all synthetic sheets in the DANOPOL® range.
- Great elasticity.
- Allows zinc roofs to be stimulated, aesthetically improving the finish.
- Provides highly reliable welding and tapping.

## Instruction for Use

- The substrate surface must be solid, uniform, smooth, cleaned, dry and free from foreign bodies.
- It is placed on the support by mechanical fasteners spaced approximately 20 cm. maximum.
- Danopol range is welded to the colaminated profile by hot air, resulting in high reliability welding and finish.

## Indications and Important Recommendations

- The fastening element must be suitable for the material of which the support is made. The tensile strength of the fastener to the load-bearing support shall be checked to ensure proper mechanical attachment. The fasteners must withstand a permissible tensile load greater than 600 N per anchorage point. As the membrane is the outermost element of the waterproofing system, its stability against dynamic wind pressure must be calculated according to the shape of the building, its height above ground, its topographical situation, and the specific roof area.
- In renovation projects on old waterproofing, it may be necessary to remove existing materials or to use suitable separating layers.
- A range of ancillary products is available for use with the membrane (Elastydan PU 40 Grey sealant, GLUE-DAN PVC adhesive, laminated profiles, corners, corners, corners, cups, pipe penetrations, etc.).
- The weldability and quality of the weld depend on atmospheric conditions (temperature, dampness), welding conditions (temperature, speed, pressure, pre-cleaning) and on the surface condition of the membrane (cleanliness, dampness). Therefore, the hot air machine must be adjusted to obtain a correct assembly.
- To avoid chemical incompatibilities, a DANOFELT PY 300 or higher geotextile separating layer shall be placed between the membrane and the geotextile: Bituminous products, synthetic TPO/FPO and EPDM, extruded (XPS) or expanded (EPS) polystyrene-based products, rigid or foamed PU, etc.
- After the surface has cooled down, the welds shall be carefully checked by means of a punch. If any irregularity is detected in a hot air weld, it shall be reworked with the same procedure as described above.
- Appropriate safety measures must be taken as welding work can give off fumes which can be irritating.

## Handling, storage and preservation

- The product must be stored in a dry place protected from rain, sun, heat and low temperatures.
- The product will be used on a first-come, first-served basis.
- This product is not toxic or flammable.
- Easy to cut to adapt the dimensions to the work.
- Waterproofing work must not be carried out when weather conditions may be detrimental, in particular when it is snowing or there is snow or ice on the roof, when it is raining or the roof is wet, surface dampness >8% according to NTE QAT, or when a strong wind is blowing.
- No welding work should be carried out when the ambient temperature is lower than -5ºC for hot air welding, nor lower than + 5ºC for welding with THF or with Adhesives.
- It shall be kept in its original packaging, in a horizontal position and all rolls parallel (never crossed), on a flat and smooth support.
- Danosa recommends consulting the safety data sheet for this product, which is permanently available at danosa.com, Knowlegde Portal, or it can be requested from our Technical Department.
- In all cases, the Occupational Safety and Hygiene standards, as well as the standards of good construction practice, must be taken into account.
- For further information, please contact our Technical Department.

## Notice

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