

# Retractable dock shelter

Alapont retractable dock shelters provide great **weather protection**. They adapt to different types of trucks and goods, and to the building's degree of exposure to the outside. **They prevent the passage of air, water or gases** and provide **great energy savings**.

Thanks to its retractable structure with vertical movement, if a truck performs an incorrect manoeuvre, the shelter can pivot upwards to prevent damage to the truck and to itself. Resistance to moisture, to abrasion and to the ageing caused by sunlight.



## Technical characteristics

- ✓ **Structure** with an anodised extruded aluminium frame and a rear frame of galvanised steel.
- ✓ The structure is covered by a continuous single piece of retractable. So it avoids cracks, leaks and air currents from escaping between the top and sides. Rainwater drains off over the sides of the dock shelter, so that no water can filter in during loading when the dock is open.
- ✓ **The frames** are connected to each other by arms. In the case of an uneven coupling, the dock shelter can pivot upwards to avoid damage to the shelter or to the HGV. In reverse, the HGV backs towards where the upper panel is positioned, fully accessible to the internal loading means.
- ✓ **The retractables are manufactured of polyester fibre covered by an upper layer of PVC.** The special fabric of the sides makes them more flexible longitudinally while keeping their rigidity width-wise. The side retractables are fitted with warning bands to guide the driver when backing the HGV.
- ✓ The small size of the inner space provides major versatility (2000x2600) as it allows them to adapt to any type of vehicle.



## Dimensions

Alapont retractable dock shelters adapt to the standard dimensions of HGVs, with **standard dimensions of 134" x 134"**.

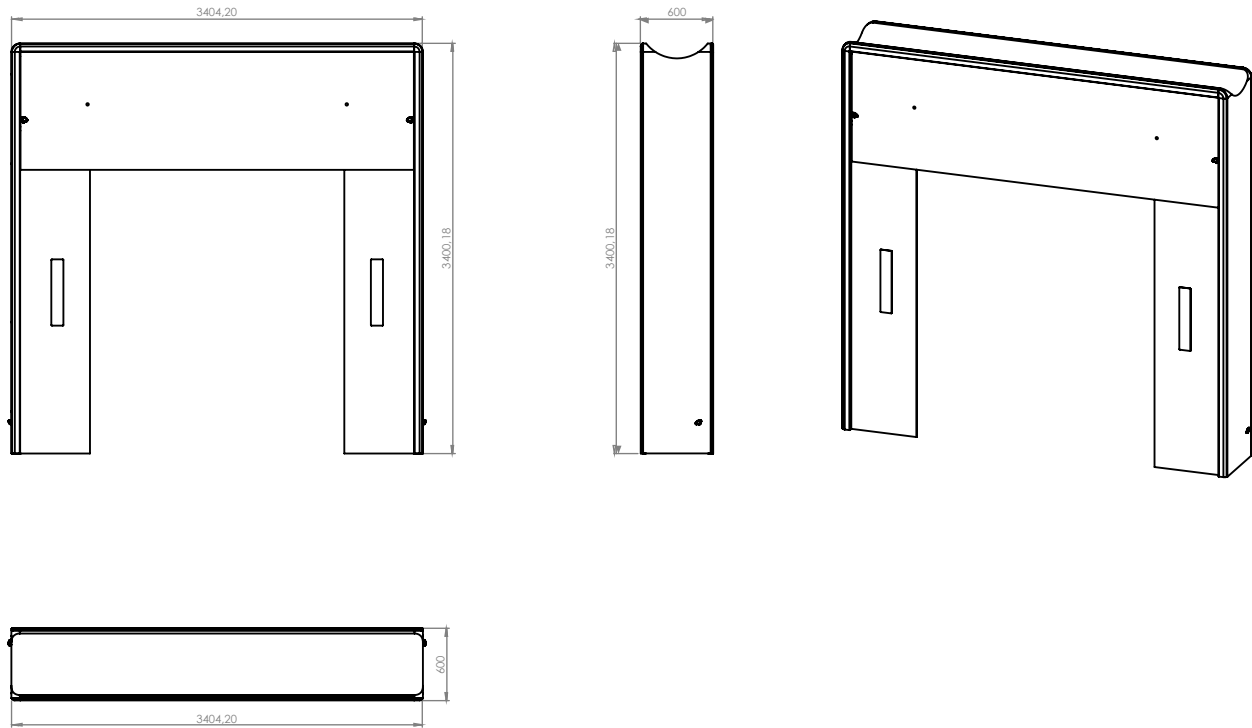
<b>Width:</b>	134"
<b>Height:</b>	134"
<b>Depth at front:</b>	27"
<b>Width of side retractable:</b>	27"
<b>Width of top retractable:</b>	39"
<b>Thickness of the front covers:</b>	0.1"
<b>Width of assembly, over the truck:</b>	20"
<b>Weight of screens:</b>	3.000 g/m <sup>2</sup>
<b>Standard colour:</b>	black



## Technical characteristics

<b>Upper coverage hardness:</b>	80° shore A
<b>Lower cover hardness:</b>	80° shore A
<b>Continuous of fiction on steel:</b>	59° F a 176°F
<b>Coeficient of fiction on steel:</b>	0.4
<b>Weight of the textile support:</b>	0.52 kg/m <sup>2</sup>
<b>Support:</b>	Polyester fabric
<b>Linear breaking strength:</b>	170 N/mm
<b>Resistance to cross breaking:</b>	86 N/mm
<b>Enlogation at linear break:</b>	16%
<b>Enlogation at transverse break:</b>	25 %
<b>Linear tear resistance:</b>	400 N
<b>Resistance to transverse tearing:</b>	200 N
<b>Adehsion between layers:</b>	>/=3Kg/Cm

# Plans



Retractable characteristics		Top retractable	Lower retractable
Total weight (gr/m <sup>2</sup> )	DIN EN ISO 2286-2	3.700	3.700
Base fibre	DIN ISO 2076	PES / PVC	PES / PVC
Fibre	DIN ISO 9354	P 2/2	P 2/2
Covering	FRONT	PVC	PVC
Resistance to traction (n/5 cm)	DIN EN ISO 1421	7.800 / 5.600	7.700 / 4.700
Resistance to tearing	DIN 53363	800 / 750	1.000 / 650
Resistance to cold	DIN EN 1879-1	-22°F	-22°F

<b>Fabric composition:</b>	High tenacity polyester
<b>Covering:</b>	PVC
<b>Tensile strength:</b>	In warp 40 kg, in weft 30 kg, tolerance +/- 10%
<b>Thermal stability:</b>	-30% + 158°F
<b>Textile backing weight:</b>	0.52 kg/m <sup>2</sup>
<b>Material:</b>	The material used is insoluble in water and highly resistant to chemical agents, weak acids, weak alkalis, strong alkalis, saline solutions, aliphatic hydrocarbons, alcohols, esters, ketones and organic acids.