

Product delivery criteria

58-b-Ark-Tech-12-2017 ARK delivery criteria

p 1 of 5

This data sheet describes the criteria that can affect the delivery of ARK products. This includes product restrictions in terms of shape, size, manufacture, handling etc

Materials

Aluminium

ARKzip is available in 0.9mm aluminium in profile 65/400mm (65/435mm profile subject to enquiry).
Aluminium finishes are stucco, ARS and PVdF

Steel

ARKzip is available in 0.7mm steel in profile 65/435mm (65/400mm profile subject to enquiry)
Steel finishes are leather grain plastisol and Tata Colorcoat HPS200 Ultra®.

Strippable film

A strippable protective film is a standard inclusion for all pre-painted aluminium from ARK.

Strippable film is applied by the coil manufacturer to give added protection to a paint finish during roll forming and installation.

It helps reduce the risk of scuffing and dirt marking until removed.

With EuraZincPro it also helps protect the zinc metallic ingredient in the paint from oxidising and showing handling marks.

In the instances of more regular foot traffic say, the strippable film is not a substitute for boarding protection.

The strippable film should be left in place during installation and removed as late as possible, but within 3 months in summer time due to UV effects.

The film should be peeled back from the male (under rib) for zipping, but left in place on the female (over rib).

Shape, size, weight.

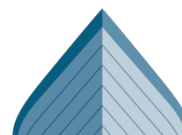
Profile shapes: ARKzip 65/400 and 65/435

Straight sheets:

Minimum sheet length 1.5m

Max sheet length, depends upon delivery method (road/ on site manufacture) see below.

Curved sheets:

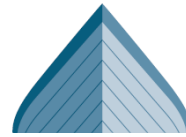


Product delivery criteria

58-b-Ark-Tech-12-2017 ARK delivery criteria

p 2 of 5

	<p>Smooth curve: 65/400 x 0.9mm AL, 5m min rad, convex, constant rad over full sheet length. Note that at radii < 8m stress marking may be visible next to ribs</p> <p>Waveform: Enquire with ARK. Availability may be subject to trials. Radii vary with material type. ARKzip 65/400 AL profile only. 30m convex into 20m concave ok 30m convex into 30m concave ok</p> <p>Crimp curve: 65/400 x 0.9mm AL, 3m min rad, convex, constant radius over full sheet length. Max purlin cts 1.2m. Do not walk in the pan of a crimp curved sheet</p> <p>Natural curve: 40m convex</p> <p>Enquire with ARK for ARKliner, specific curves and other materials, waveform etc, radii criteria are updated regularly</p> <p>Weights: Aluminium sheets (65/400 and 65/435 profiles), 1.5kg/lin m Steel sheets (65/400 and 65/435 profiles), 3.3kg/lin m Max bundle weight 1t.</p>
<p>Factory manufacture, road delivery</p>	<p>Max length using 13.4m flat bed delivery vehicle - 16m</p> <p>Max length using 15m trombone trailer delivery vehicle – 21.6m</p> <p>Refer to your quotation for road delivery conditions and charges re standing time etc.</p>
<p>On Site Rolling, ground level</p>	<p>On site rolling (OSR), ground manufacture: Length limit by lifting beam available. ARK beam, max bundle length 17.5m, see below</p> <p>OSR Manufacturing space: Typical compound size 14m x (17m+sheet length) This allows for the OSR machine mounted within its weatherproof container on a trailer, the lorry tractor unit, access for a site forklift to</p>

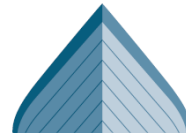


Product delivery criteria

58-b-Ark-Tech-12-2017 ARK delivery criteria

p 3 of 5

	<p>handle and load coils, sheet run-out and sheet stacking in bundles. About 5.5m is added for space for a coil store. Manufacturing area must be firm footing appropriate for manufacture. The coil store area must be secure.</p>
<p>Compound length approx 17m plus sheet lengths</p> <p>Compound width approx 14m</p> <p>Truck unit</p> <p>On Site Rolling machine on trailer. 12.2m long, 2.5m wide, 2.9m high, 20t</p> <p>Site fork lift for coil handling</p> <p>ARKzip sheets stacked in bundles.</p> <p>Secure coil storage if required. Size subject to the number of coils.</p> <p>Direction of lay</p>	
<p>On Site Rolling, eaves level</p>	<p>On site rolling (OSR), eaves level, no limit (within reason)</p> <p>OSR Manufacturing space:</p> <ul style="list-style-type: none"> Crane capacity subject to crane hire company. Vertical lift 20t loaded OSR machine. Chains provided by crane company. Typical compound size approx 14m x 11.5m plus crane footprint. Add 5.5 m width for coil store if required. Manufacturing area must be firm footing appropriate for manufacture. The coil store area must be secure. Max 2t coils.

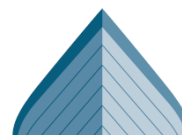


Product delivery criteria

58-b-Ark-Tech-12-2017 ARK delivery criteria

p 4 of 5

<p>Lifting beams</p>	<p>Refer to your quote for full terms and conditions.</p> <p>Beam weight 0.75t Beam length 12.5m Straps 1.5m cts Max bundle length 17.5m</p>



Product delivery criteria

58-b-Ark-Tech-12-2017 ARK delivery criteria

p 5 of 5

	<p>Beam cannot be delivered on the on site rolling machine vehicle Lifting beam must be returned with the delivery vehicle</p>
Tools	<p>Refer to your quote for full terms and conditions.</p> <p>A zipping tool set consist of the zipper, hand tongs, turn up tool, turn down tool, in a tool box.</p> <p>Zipper tool sets are hired out by the full week.</p> <p>Zipper tool sets must be returned asap, in good clean condition and without damage, at the customer's arrangement and expense.</p>