

## **ALUMECANO**

**PRODUCT BROCHURE**



# Alumecano

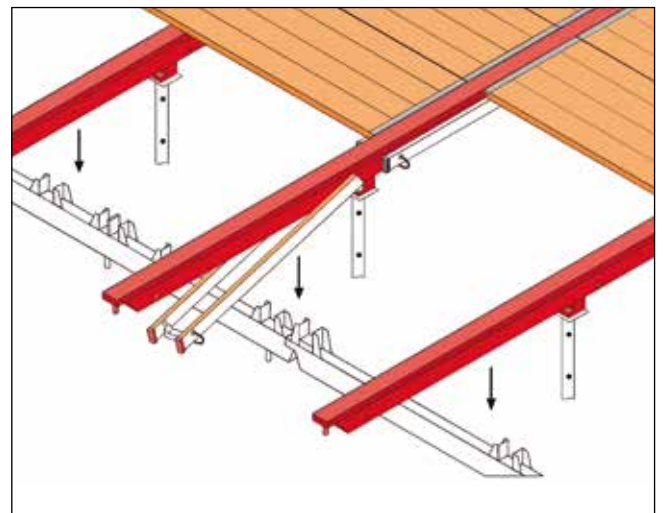


Bolivia 33 building, Spain



## Features

- The 13'-1 1/4" (4m) main girder together with the Dropheads have a combined weight of 55 pounds (25 Kg), (approximately 50% lower than other similar systems on the market).
- The Cantilevered Drophead is made from reinforced aluminium, with the dual benefits of making it lighter, and more resistant to the exposure of the build.
- The main parts have been designed for daily use on the build and are made from highly resistant steel, coated in polyester based paint that protects from bad weather. The parts are sealed off at both ends to protect them from residual concrete.
- The design of the Girder in "T" shape facilitates the removal of the board and helps prevent the grout of the concrete from falling inside the Beam.



Re-usable formwork system for making waffle slabs with permanent coffer, one-way concrete beams and solid slabs. Alumecono only uses 3 basic components (Girder, Support Girder and Drop head) including the revolutionary new Drop head made of duralumin (structural aluminum), which makes it light and resistant for the support of the formwork surface. The Support Girders and Main Girders are fixed together semi-rigidly, facilitating assembly and form release.



The wood lined Cantilevered Drophead adds support of 1 5/8" (4 cm) to the Alisan Panel. The wood inlay can then be easily nailed and unnailed to the panel, preventing it from moving. This is especially useful for the panels on the edge, and in other risk areas. Our Drop-heads works always supported on 2 sides: a Post-shore on one side and a perforated Girder by the pin of the Drop Head on the other.



The Cantilevered Drophead is fitted with a system that cushions the fall (rubber plugs), and a standard, predictable drop direction, making the form release process much safer.



Working with 6'-6 3/4" (2 m) wide corridors avoids the typical problems that other fixed 6'-6 3/4" x 6'-6 3/4" (2 m x 2 m) grid systems have, when finishing off meeting points with columns and walls.



Three days after concreting, the System allows for a significant part of the Alumecono kit, Panels and Props, to be recovered and re-used elsewhere on the build, without the need for replacing all of the original Props.