

## Alucubetas



Product brochure

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# Alucubetas



Saidia Hotel, Morocco

Recoverable formwork system for making two-way slabs with reusable injected polypropylene domes. Alucubetas uses basically the same components as the Alumecono system, in addition to the special components for being able to use the different ribs on the market and satisfying the current fire standards.



## Alisan Domes

A new design of the Alisan Dome has been developed, with the aid of advanced computer programmes and simulations, that avoids breakages and deformities. In addition to quicker form release, it is more resistant and has longer durability. In keeping with our policy of innovation and continual product improvement, we have built aluminium supports into our domes, producing straighter ribs, preventing breakages, whilst maintaining sufficient flexibility for simple form release. The structural metallic accessories used are "long" (a 13'-1 1/2" (4m) Main Girder).

## Finish

Thanks to the design, manufacture, and perfect fit of the components, concrete leakages are avoided, and the finish is improved.

The Alisan II-T Dome Panel in both its forms (standard and reinforced), minimises the deflection in the columnheads and shearheads, and results in minimal deformity.



### Versatile

The system can make the standard market waffle slab ribs: 4 3/4" and 6 1/4" (12 cm and 16 cm) , as well as the special ones 5 1/2", 5 7/8", 7 1/8" and 7 7/8" (14, 15, 18 and 20 cm).

The 6'-6 3/4", 9'-10 1/8" and 13'-1 1/2" (2 m, 3 m, and 4 m) Main Girders make the system adaptable to all types of perimeter.

The Alucubetas System is part of the Alumecono family, and as such its components are quick and easy to assemble.



### Compatibility

The majority of the components used by the Alucubetas System, are the same as those of the Alumecono System, enabling us to offer lower prices, whilst at the same time optimising use and profitability of the purchased equipment.

80% of the standard components used in the Alucubetas System, can be recovered three days after concreting, for reuse on later stages of the build.





## Secondary beam with flanges

The standard Secondary Beams of the Alucubetas System are designed for the support of the dome, its profile and manufacturing provide a safe, stable and resistant support for the Alisan Dome and the Alisan reinforced board.



## Alisan dome

The Alisan Dome of injected polypropylene is designed to prevent breakage and deformations. Its design provides quick and easy form removal, saving concrete and ending up with straighter ribs.



## Manufacture

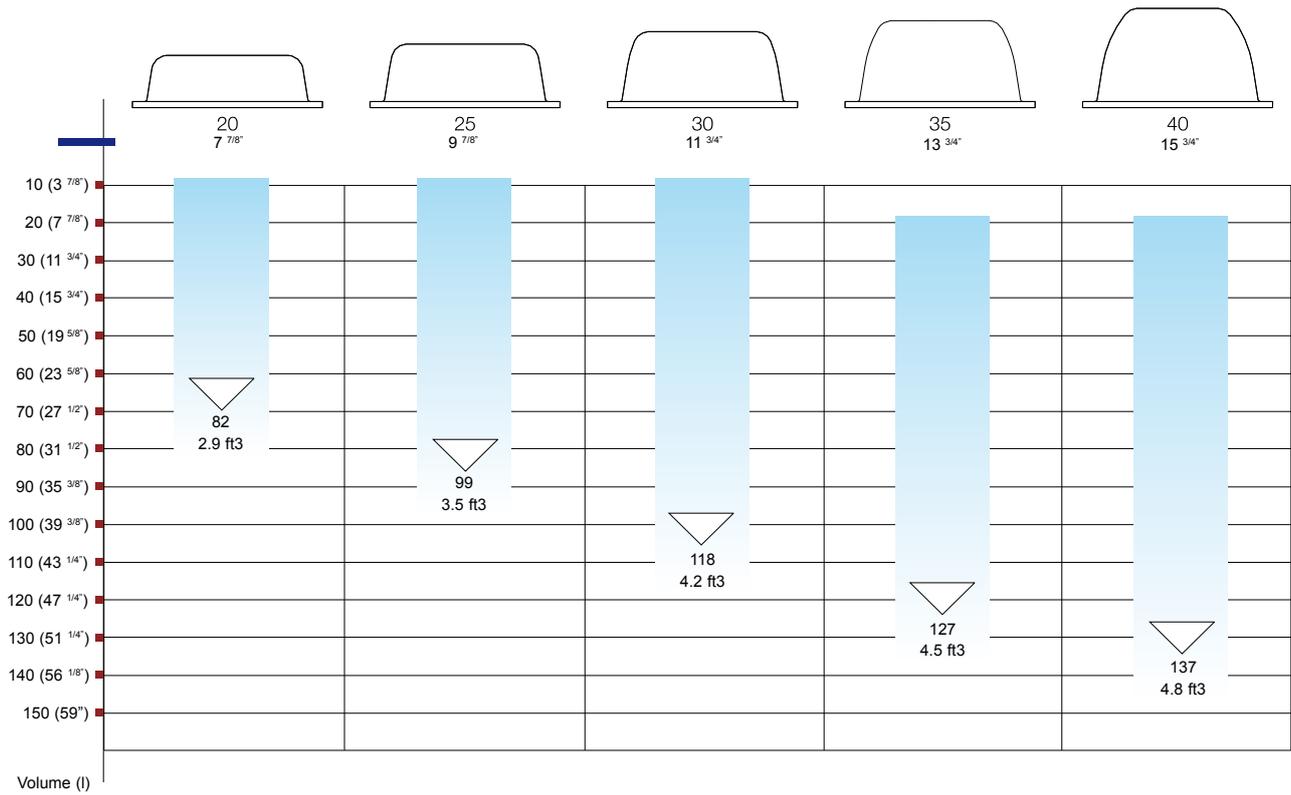
The Alsina Group maintains strict quality control over all their products. The mass productions of our products means that we can offer maximum quality at very competitive prices.



## Alsitec

The Alsina Group has a Technical Department called Alsitec. Here, all of the technical studies of the builds are carried out using advanced computer programs to determine the quantity of material required, and its optimal distribution and placement onsite.

### Removal empty space volumes



### Unidirectional metallic dome





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