

Alisan shoring system



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ALISAN SHORING SYSTEM



characteristics of the system ▼

► Reusable



Our Scaffolding System is compatible with the Mecano Alisan and the Alisan Dome horizontal formwork systems, enabling 80 % of the components of those systems to be recovered and reused on the third day after concreting. The triangle of the scaffolding is also recoverable, generating savings in the quantity of materials required.

► Mecano Alisan



The Alisan Scaffolding System provides a solution for the support of Mecano Alisan formwork over 6 m in height. It is used for horizontal formwork and consists of a steel framework, and a timber panelled formwork surface.

Support for heights in excess of 6m

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The Alisan Scaffolding System is designed for use at heights over 6 m, in grid and waffle slab formwork (Mecano Alisan and Cubetas Alisan), as well as slab formwork (Vistaform Slabs). Its primary feature is the fact that a few days after concreting it can be recovered and reused together with the recoverable components of the Mecano Alisan and the Mecano Alisan Domes.

Although the Alisan Scaffolding has been designed to support up to 1125kg/m² of our reusable formwork (45cm slabs), by increasing the number of support frames per meter squared, it can support timber formwork for slabs of up to 1m in thickness. We also have an extensive range of accessories to cater for the wide range of situations that can arise on the build.

The Ecomecano system is assembled using the following accessories:

- The Alisan Panel Range
- Mecano Safety Rail
- Column Base Finishing Plates
- Alisan Skirting
- Alisina Fall Prevention System

► Mecano Alisan Domes



The Alisan Scaffolding System when combined with the Mecano Alisan Dome Waffle Slab System, provides a solution for the support of grid formwork using reusable domes, over 6 m in height.

► Vistaform Slabs



For high quality finish slab formwork, the Vistaform Slab System combined with the Alisan Scaffolding, is the perfect solution for formwork over 6 m in height.

The Vistaform Slab system consists of timber beams supported by support frames, and with a phenolic resin coated plywood formwork surface.

MECANO ALISAN DECKING SYSTEM



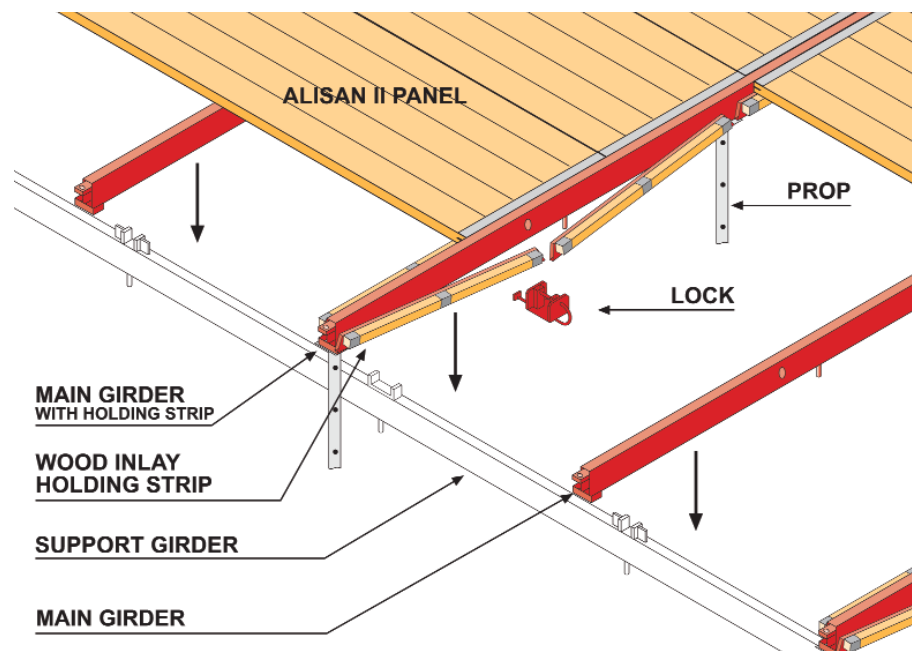
The solution for scaffoldable decking formwork

A recoverable system for horizontal formwork, consisting of a steel framework, and a timber panelled formwork surface.

The Mecano Alisan by design, is adaptable to all types of horizontal formwork, quick to assemble, and with recoverability of 80 % of the components three days after concreting.

The Mecano Alisan uses the following accessories:

- Alsina Fall Prevention System
- The Alisan Panel Range
- Column Base Finishing Plates
- The Mecano Safety Handrail
- Alisan Skirting



Characteristics of the Mecano Alisan System

simple and light

The System consists of 5 components that fit together in kit fashion. It provides a solution for all types of formwork problem; form release, and girder cross sections with columns, projections, finishing plates etc..

- A simple hammer tap frees up 8 m²
- Specialised operators are not necessary



complementary systems

The Mecano Alisan System is part of a range of 4 complementary systems. All of the systems have been designed using the same basic premises, and have common components.

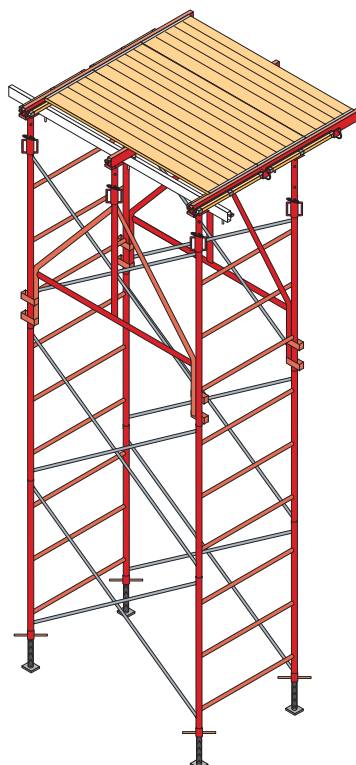


safety

The fact that the Panel can be attached to the timber inlay holding strip provides a simple solution to the securing and shoring of the formwork, column finishing, projections and skirting, making it a much safer system. All of this reduces the risk of slipping in the most dangerous areas



Alisan Scaffolding with Mecano Alisan



The Alisan Scaffolding System combined with Mecano Alisan provides a solution for the support of grid formwork over 6 m in height.



MECANO ALISAN DOMES: WAFFLE SLAB SYSTEM

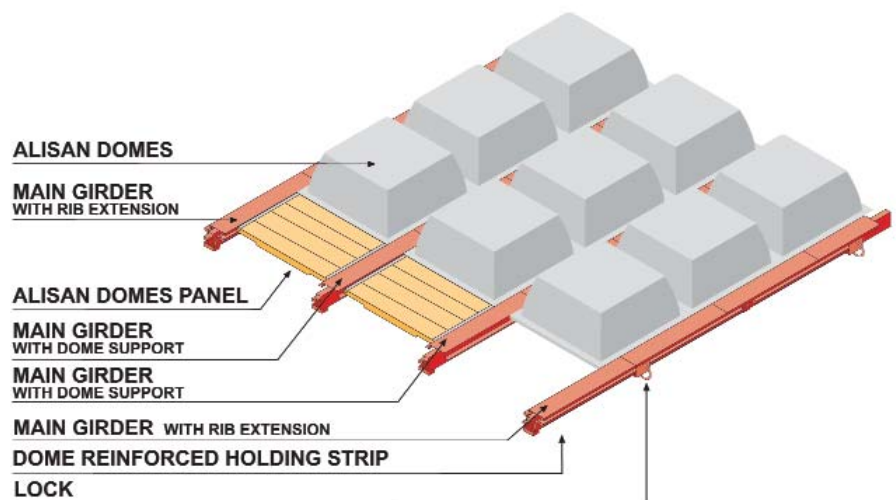


The scaffoldable system for reusable waffle slab formwork

The Mecano Alisan Domes System consists of a steel framework, and a polypropylene dome as a formwork surface.

Mecano Alisan Domes, by design is adaptable to all types of horizontal formwork, quick to assemble, and with recoverability of 80 % of the components three days after concreting. The Mecano Alisan Domes uses the following accessories:

- Alsina Fall Prevention System
- The Alisan Panel Range
- Column Base Finishing Plates
- The Mecano Safety Handrail
- Alisan Skirting



Characteristics of the Waffle Slab System

concrete savings

In keeping with our policy of innovation and continual product improvement, we have built metallic reinforcements into our domes design, producing straighter ribs.

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.



complementary systems

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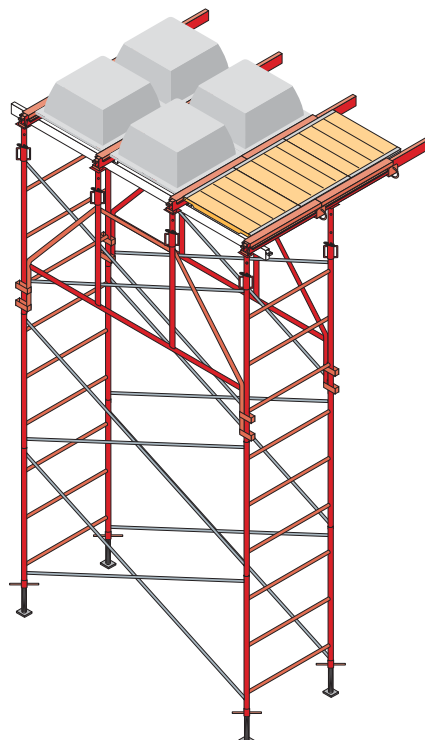
high quality finish

The system has a straight parallel ribbed network because of the length of the metal structural components. The levelling out and alignment in attaching the 4 m Main Girder are facilitated by the slots at 80 cm intervals on the 4,80 m Support Girder.

It is the system that is most secure, and has the best interlock of components.



Alisan Scaffolding with Mecano Alisan Domes



The Alisan Scaffolding System combined with Mecano Alisan Domes provides a solution for the support of reticular formwork using recoverable domes, over 6 m in height.



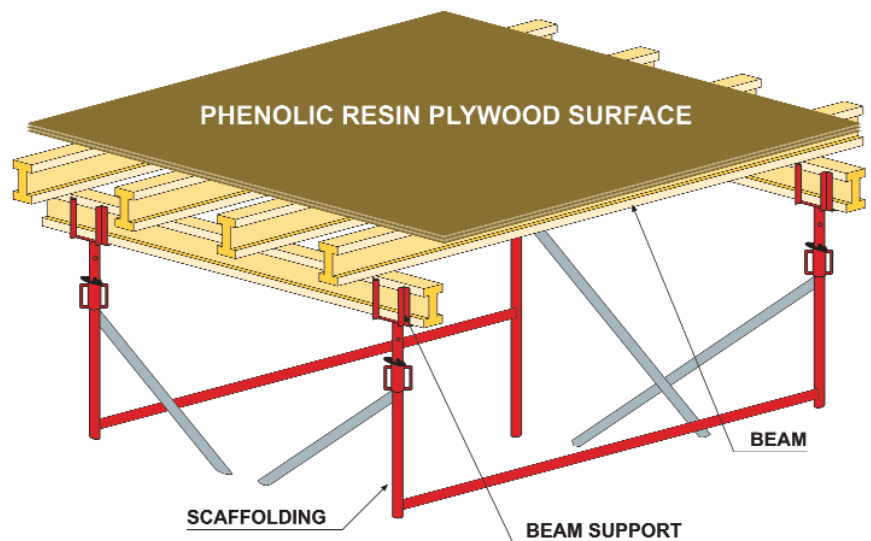
VISTAFORM SLAB FORMWORK SYSTEM



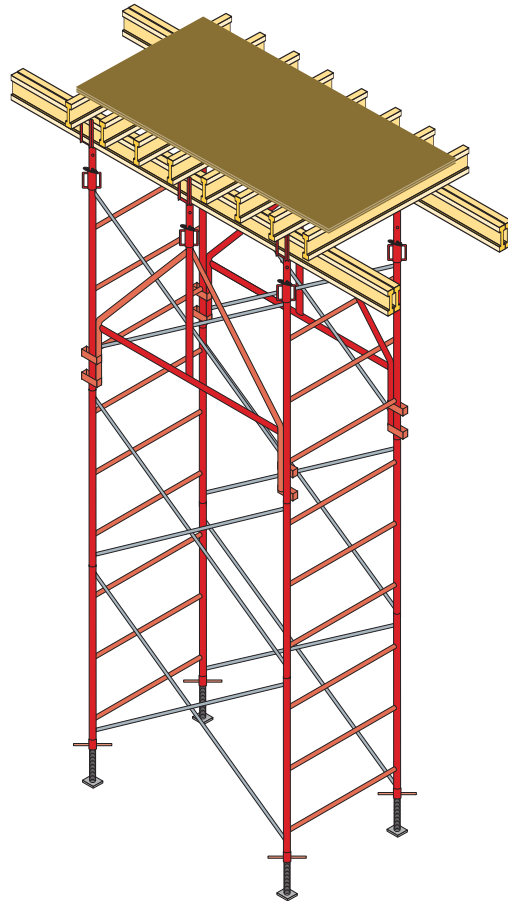
Slab formwork system for high quality concrete finish

The traditional formwork system for high quality finish slabs, consisting of structural timber beams, supported by shoring elements such as the Alisan Prop or the Alisan Scaffolding System. Both support systems are height adjustable.

The Vistaform Slab Formwork System enables distribution of the beams in accordance with the weight of the slab to be made. It also facilitates meeting points with walls, and hanging beam formwork, as the timber beams can be overlapped. To obtain a high quality concrete finish, the system uses phenolic resin plywood as a formwork surface. The Alisan Panel Range can also be used.



Alisan Scaffolding with Vistaform Slabs



The Alisan Scaffolding System combined with Vistaform Slabs provides a solution for the support of high quality slab formwork, over 6m in height.

Vistaform Slabs has two types of beam that support the formwork surface: main beams, and distribution beams, the latter being spaced apart in accordance with the thickness of the slab that is being made.



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The Alsina Technical Department will carry out a technical study of the design and distribution of material required for the build.

