Alsina



ALISPLY WALLS

Product catalog

ALISPLY WALLS

System with a manual clamp, no need for a hammer.

Removable formwork system for concrete walls, designed to be handled by crane. Large surface areas 3 and 6 m2 (32.3 and 64.6 sf) can be created with minimal space between the panels due to its carefully researched reinforced steel structure. This allows the wall to have a finish without excessive imperfections.



MANUAL CLAMP GR-2

The joint and alignment system of the panels is made using the GR-2 Alisply Clamp. Its design allows you to join and align the panels with only one hand. Alisply Adjustable Clamps may also be used, which allow you to incorporate extensions of up to 26 cm (10 1/4") wide between panels.

QUICK SYSTEM

The Alisply Wall System, along with its accessories, is designed for quick and easy assembly. The support of the 15 cm (5 7/8") framework facilitates assembly and alignment of the panels.

SMOOTH FINISH

Alisply Walls, with a phenolic resin-coated plywood formwork surface of 15 mm (9/16"), provide a fair-faced concrete finish. Also, it allows for the defining of the texture of the concrete through the positioning of chamfer strips or other components that easily adhere to the lining.



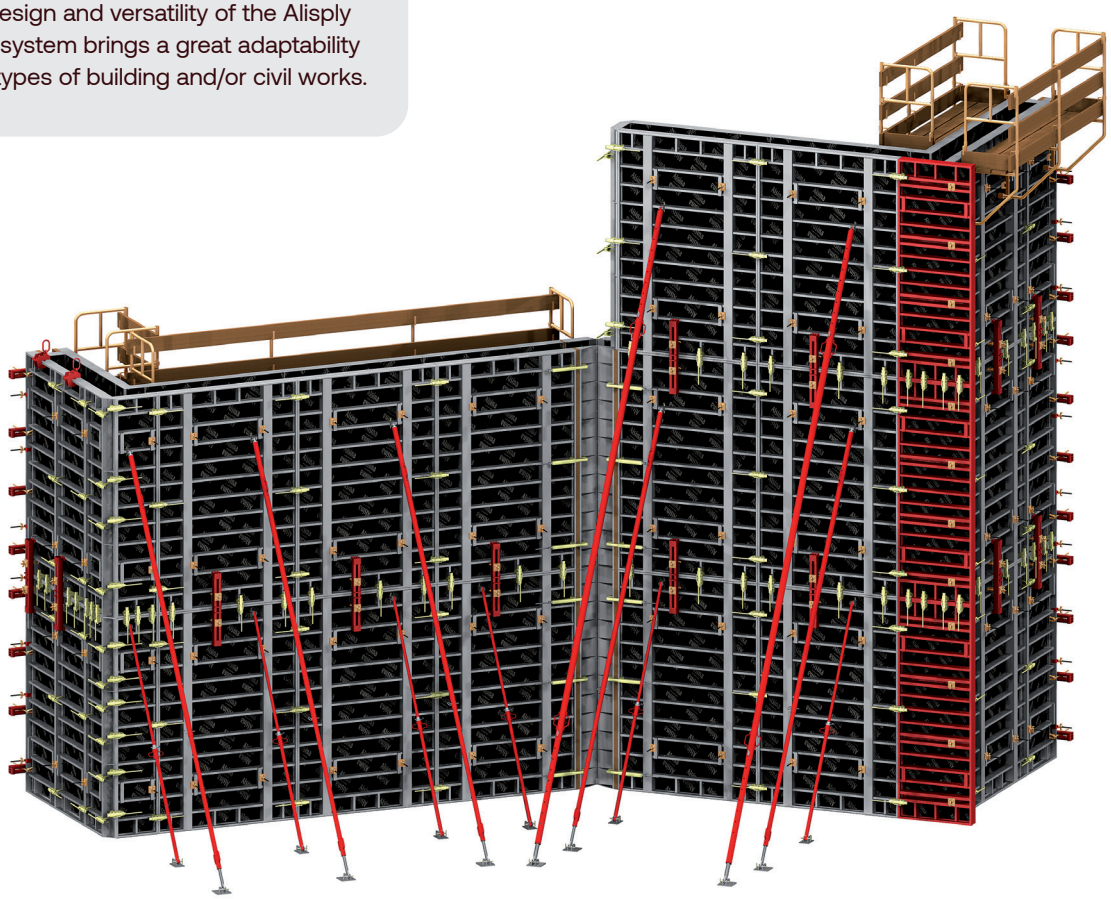


FEATURES

- Pressure rating: 60 kN/m² (1250 lbf/sq ft).
- Only two ties at 3 m (9 3/4') in height.
- The holes for the tie bars are not in the frame, which improves the finish and allows production of sloping walls.
- Plywood drill protection with bonded PVC sleeves.
- The metal frames have a galvanized finish, and the accessories have an electrolyte zinc finish that protects against corrosion.
- Unique system for panel connection with manual clamps: Quick and tool-free installation.
- No need for aligning bars.
- Allows vertical and horizontal panels to be combined.

FREQUENT USES

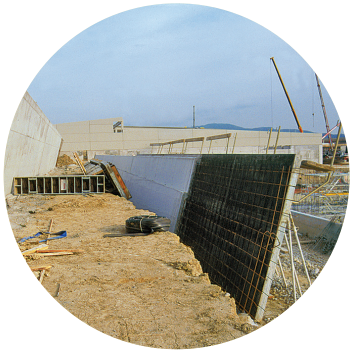
The design and versatility of the Alisply Walls system brings a great adaptability to all types of building and/or civil works.





MODULAR

The sizing and the position of the ties makes it possible to take down the panel so that it can be used both vertically and horizontally.



BATTERED WALLS

Alisply Panels have been designed so that when the Dywidag tie bars are inserted, the steel frame is not touched, This facilitates the construction of sloping walls, and the cleaning of the components.



STEPPED FOOTINGS

The Clamp can be attached to any part of the steel frame, giving great versatility, and enabling the construction of stepped walls, with both vertical and horizontal panel alignment.

POSSIBLE COMBINATIONS

The Alisply Walls System consist of and standard set of 15 panel sizes. All of the sizes are metric enabling easy combination of all of the panels.

The panels come in 2 standard heights, and 10 standard widths, plus two special sizes of 3 x 2 m, and 2 x 1 m (9'-10 1/8" x 6'-6 3/4" and 6'-6 3/4" x 3'-3 3/8").



WALKWAY BRACKET

An essential piece of equipment for the safety of the operator during the concreting of the wall. Its design means that it can be set up independently of the formwork panel's position (vertical or horizontal). The recommended distance between concreting platforms is 2 m (6').



COMPATIBLE SYSTEM

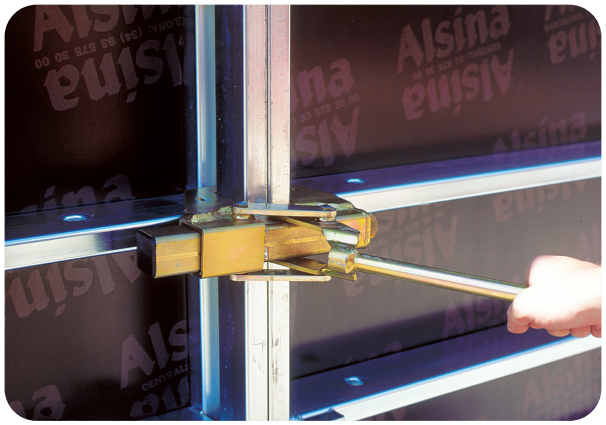
The Alisply Walls offers a great compatibility with other Alsina systems and products, such as the support structures for implementing one sided-walls, with a reinforced brace frame that are coupled wth two horizontal primary beams, or the climbing systems, an element that allows piles and walls of climbing cycles with pouring in heights to be formed with total safety for the laborers.





ALISPLY PANEL

Formed by a galvanized steel frame and a phenolic plywood formwork surface of 15 mm (1/16”). The sizing and the position of the ties makes it possible to take down the panel so that it can be used both vertically and horizon.



GR-2 CLAMP

The Alisply GR-2 clamp joins, aligns and braces the panels in one step without having to use tools. It is not necessary to have the clamps coincide with the position of the cross beams. It has a presure regulator.



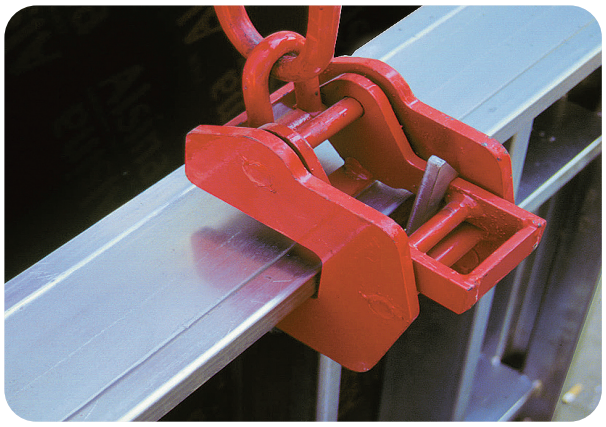
ADJUSTABLE CLAMP

The Adjustable Clamp is designed for the positioning of panels requiring wood fillers; it can accommodate a complement of up to 26 cm (10 1/4”) in width. Just like the GR-2 Clamp, it may be positioned on any point of the frame.



ALISPLY WALER

Designed for use in the transportation, and handing of larger panel size where the use of Clamps is less effective, Alisply Waler give more rigidity, and provide a totally secure system that cannot be disassembled. The Alisply Waler can be used both horizontally and vertically, for panels with a minimum width of 60 cm (23 5/8”).



LIFTING BRACKET
Essential element for the movement of the wall modules with crane. Quick, easy and manual positioning; has a safety device that prevents accidental opening.

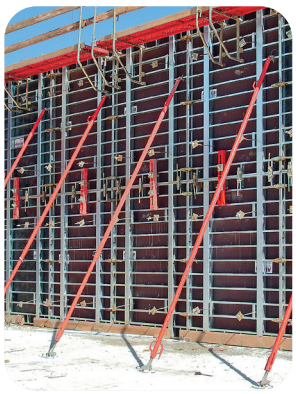


HINGED CORNERS
The Outside Hinged Corner panels are an easy solution for the corners of walls with non-right angles. Facilitating the joining of two standard panels with the appropriate width based on the thickness of the wall.

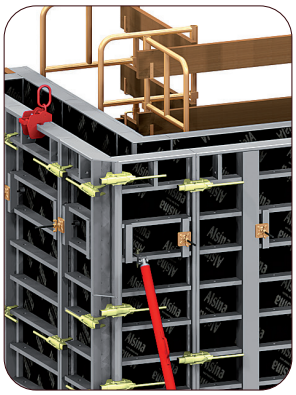
TIE-OFF ROD
It's an indispensable component for the safe anchoring of the worker. It is very easy to place and has several positions in any Alisply Panel.



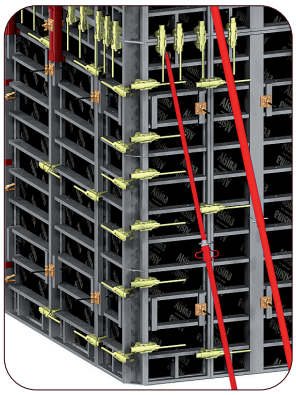
ALIGNERS
Accessory to stabilize and to plumb the wall shuttering.



INTERIOR CORNER
Accessory used to join two panels on the inner face of the wall and to create a corner of 90º.



OUTSIDE CORNER
Accessory used to join two panels on the outside face of the wall and to create a corner of 90º.



ALISPLY QUICK CORE

Quick core formwork for hollow shapes offers the versatility required to address shapes such as elevator shafts or columns.

Complements the Alisply system accessory set to handle stripping of hollow shapes with a crane. The system offers great productivity thanks to its automatic operation by means of the vertical effort of the crane.



FEATURES

- Patented retractable panel.
- Protected design of the reversible stripping/forming operation.
- 50 cm (1'-7 3/4") panel designed to withstand pressures up to 60 kN/m² (1250 lbf/sq ft).
- Automatic activation concept.
- Increased productivity thanks to time savings.
- Built-in safety. It is not necessary for workers to enter the inner structure (except to pass through the Dywidag ties).
- Intuitive operation.
- Easy forming / stripping with just one clasp change.
- Perfectly adapted to the climbing system.
- Compact for transport. Easily stackable.
- Metal supplements for layout adjustment.

TRIPLE HINGED CORNER

To facilitate the formwork for hollow columns and wall interiors, Alsina has developed the Triple Hinged Corner, the most striking feature of which is that it is a retractable element.

This element allows wall formwork removal without the need to dismount the panels, since the corner shrinks partially and releases the formwork.



BICONICAL CORNER

Retractable corner for Alisply, intended for formwork stripping and recovering inner formwork from hollow spaces, such as columns and elevators shafts.

The system's main feature is that the corners reduce the overall dimensions of the inner formwork, thus allowing it to be recovered.





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