Alsina
FORMWORK SOLUTIONS

ONE SIDED WALL

PRODUCT BROCHURE

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One Sided Wall

DeVos Children Hospital, United States

Support structure for implementing one-sided walls. The system consists of a reinforced brace frames that are coupled with two Alisply Panel horizontal primary beams. The design of its components, ensures the safe transfer of the concrete forces. This occurs joining the steel brace frames with the formwork panels and the inclined anchorages inside the ground.

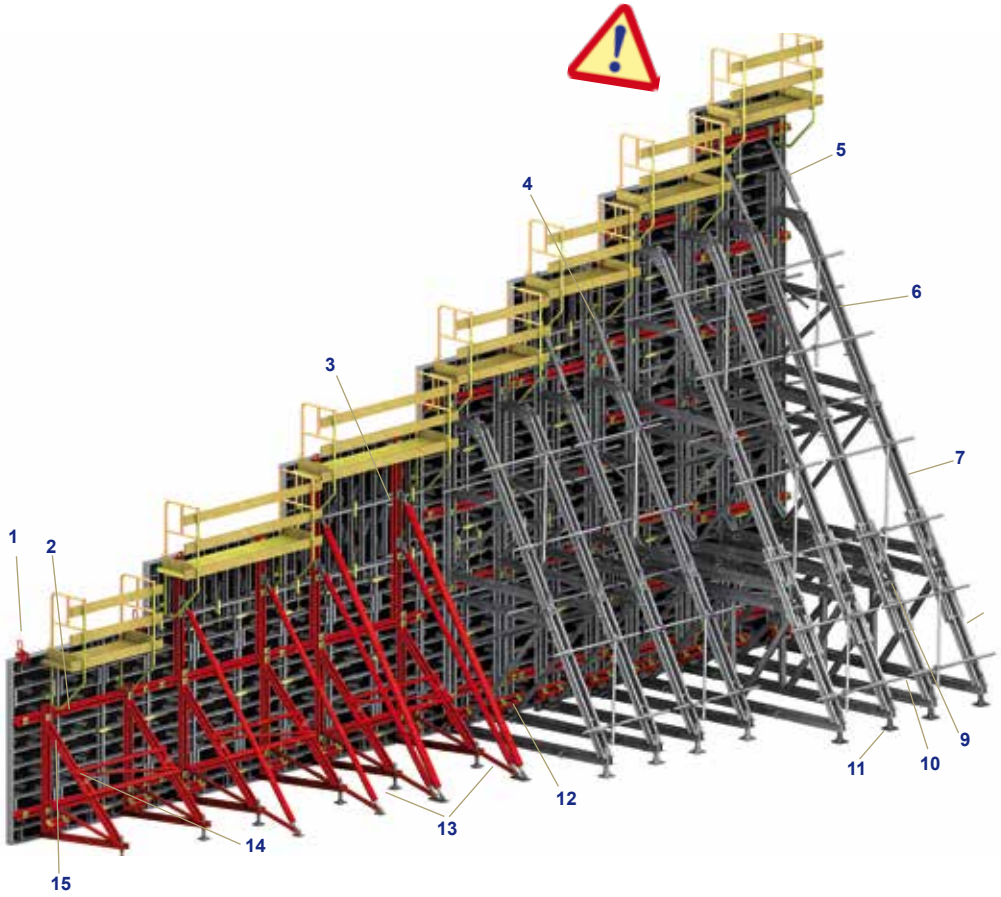
Easy assembly and movement

Support structure used to create one-sided walls from 9'-10 $^{1/8"}$ to 29'-6 $^{5/16"}$ (3 to 9 m). The system consists of reinforced brace frames that are coupled to the Alisply Panel with two horizontal main beams.

- Easy to assemble and verstile system
- Allows extensions to be added for greater heights
- Brace for the joint between easy positioning brace frames
- Movable element togheter with the Alisply Walls system
- Rear base jack with regulator at a height

Compatible

The characteristics of Alsina's one-sided walls system confer great adaptability to the specificities of the different types of works. The design of the A-frames allow a quick connection to the radius system with no need of additional parts. Its design addresses all heights extending the modulation of the elements, which is achieved with ease and versatility in those works where there are walls of varying height.



Components

1. Lifting bracket
2. 6'-6 3/4" and 9' - 10 1/8" (2M and 3M) Primary beam
3. 13'-1 1/2"/16'-4 7/8" (4M/5M) auxiliary system beam
4. 22'-11 9/16" (7M) auxiliary system beam
5. 3'-3 3/8" (1M) strut
6. 19'-8 1/4" (6 M) Upper brace frame
7. 19'-8 1/4" (6 M) Lower brace frame
8. 29'-6 5/16" (9M) Brace frame
9. M1C- 9M
10. Bracing bars
11. Rear base jack
12. 19'-8 1/4" / 29'-6 5/16" (6/9 M) Anchor waler
13. 13'-1 1/2" / 16' - 4 7/8" (4M/5M) Strut
14. M1C-3M Cross-brace bracket
15. M1C-3M A-frame

9'-10 1/8" to 16' - 4 7/8' (3-5 M)

- Good weight / features ratio.
- Joining brace between easy positioning.
- Maximum height 10'-10" (3.30 m) and 14'-1 1/4" / 17'-4 5/8" (4.30 / 5.30 m) with filler.
- Movable together with the wall formwork.
- Rear base jack with height regulator.
- Compatible with Alisply Walkway bracket.

19'-8 1/4" to 29'-6 5/16 (6-9 M)

- Admissible pressure up to 1253.1 psf (60 kN/m²) (up to 22'-11 1/2" (7 m height)).
- Easy assembly between brace frames.
- Optimal design for its stacking on site.
- Movable together with the formwork system.
- It has several lifting points for the crane, depending on the different loads.
- Front support for better positioning of the panel on the floor.
- Adjustable rear base jack.
- Compatible with the Alisply Walkway Bracket.

29'-6 5/16" (9 M)

- Admissible pressure variable depending on the foundation trench and the height of up to 1250 psf (60 kN/m²).
- Easy assembly between brace frames.
- Adjustable rear base jack.
- Adjustable front support: it allows the fitting of the formwork to the ground, preventing the concrete grout from leaking.
- Several lifting points for the crane, depending on the different loads.
- Optimal design for its stacking on site.