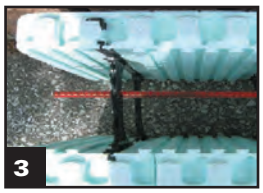
TALL WALL

SUPERIOR PERFORMANCE

- The NUDURA® Tall Wall Adapter Kit can be used in conjunction with standard frame scaffold.
- Most common frame scaffold is 7' (1.78m) center to center by 5' (1.27m) high.
- The NUDURA® alignment system is easily adapted to the tall wall.
- Any allowable wall height can be erected using the tall wall components.

1 Before starting the first course of forms the installer needs to measure the width of the frame scaffold being used for the tall wall adapter kit. (fig.1)

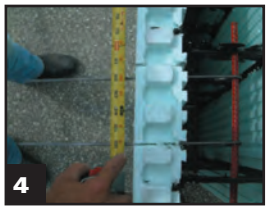


2 Sketch a drawing of the project showing the layout for the bracing location.

3 Starting at a corner, place first course of forms.

4 Mark on forms layout locations for alignment and scaffold to be attached to wall assembly.

5 Starting at the top of the form, at the layout locations, cut 2 vertical slits into the form approximately 2"-3" (51mm - 76mm) in length. (fig. 2 & 3)



6 Hook the connection ties on the web and slide into slits. (fig. 4 & 5)

7 Repeat steps 5 & 6 for entire first course and every course until the first pour height has been completed. Note: NUDURA® Corporation recommends the height of the first pour not exceed the height of the box channel or frame scaffold dimensions.

8 After the third or fourth course of forms has been completed the box channels can be placed between the connection ties and the compression plate along with the self threading nuts can be installed. Use a 3/8" (10mm) deep socket to fasten nuts to ties. (fig. 6, 7 & 8)

9 Install adjustable diagonal brace, catwalk, and guard rail as per normal installation procedures. The adjustable diagonal brace needs to be anchored to the ground with proper dritt pins or mechanical fasteners to a concrete slab.

10 Complete first wall height and pour to termination stop.

11 Dismantle alignment system, removing catwalk and bracket, diagonal brace and box channel from the wall.

12 Attach frame scaffold re-using connection ties, compression plate and self threading nuts.

13 Attach all cross bracing for frame scaffold unless otherwise engineered. (fig. 9)

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14 Insert the channel to scaffold adapter into the top of the scaffold frame leg closest to the wall and secure using a bolt and nut.

15 Repeat steps 5 & 6 for installation of connection ties.

16 Slide the box channel onto the channel to scaffold adapter. Secure the box channel to the adapter inserting the 4" (102mm) bolt through the alignment holes and tighten the nut. (fig. 10 & 11)

17 Attach the diagonal brace to scaffold adapter by inserting into the scaffold frame leg. Secure to scaffold using bolt and nut assembly in both locations. Insert bolt and nut into location A (fig. 12) and insert bolt and nut for location B (fig. 13).

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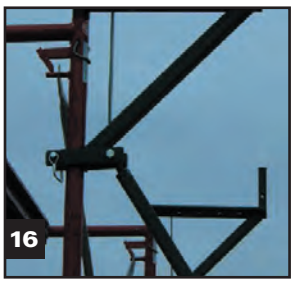
18 Attach diagonal brace to adapter inserting bolt and nut assembly. Install catwalk and safety guard rails as specified.
(fig. 14 & 15)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19 Install all additional diagonal braces and safety guard rails as outlined on the engineered specifications. (fig. 16 & 17)

NUDURA® Corporation is not responsible for any site specific engineering regarding wind loading, or any improper safety regulations; please consult with local safety regulators to ensure all regulations are met.

PLEASE NOTE:
All components are manufactured in accordance with engineering documentation that exceeds the standards outlined in the Canadian Safety Council of Occupational Health & Safety Act and the United States Safety Council of Occupational Safety & Health Act. NUDURA® Corporation will not be held responsible for any misuse or unauthorized use of the tall wall components. OHSA (Canada) or OSHA (USA) can demand site specific engineering if they deem necessary. NUDURA® Corporation will not be responsible for any additional engineering costs that might be deemed necessary for a specific project.