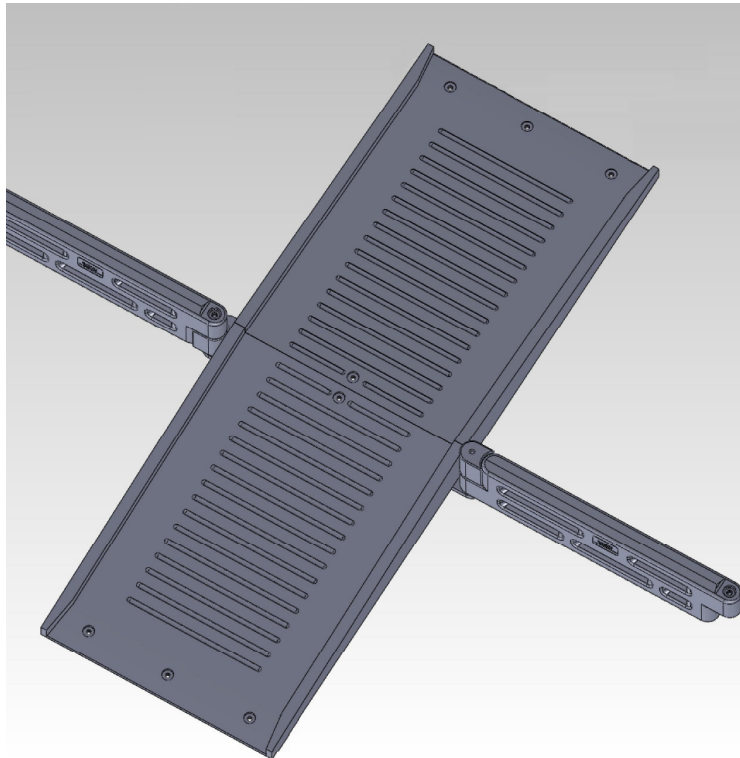


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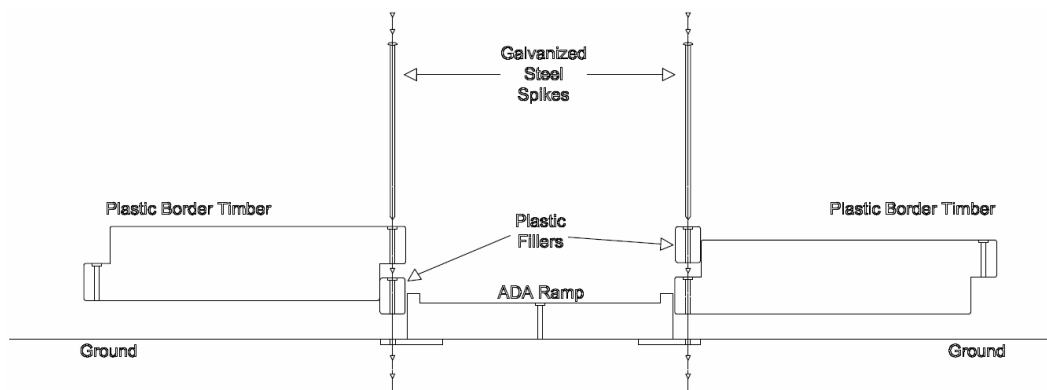
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info@2by2ind.com



2BY2FRS12

12" Full Ramp System

INSTALLATION INSTRUCTIONS AND MATERIALS LIST

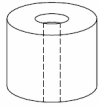


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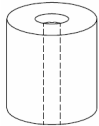
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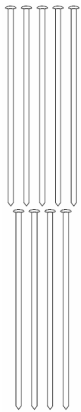
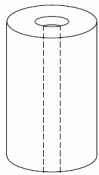


Two (2) Countersunk,
pre-drilled plastic
fillers.



*sized according to
plastic border tim-
bers being used

(3", 4" and 6" shown)

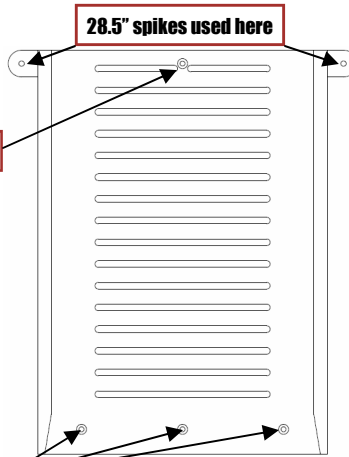


Nine (9) Galvanized
Steel Spikes used to
install ADA Ramp

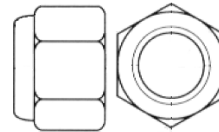
*diagram to the right
specifies which size
goes where

20" spike used here

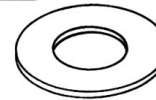
12" spikes used here



28.5" spikes used here



Two (2) 3/8"
Nylon Hex Nuts



Four (4) 3/8"
ID Flat Washers



Two (2) 3/8" x 4"
Hex Bolts

Two (2) Half-Ramps

This ADA Ramp has been designed to work universally with any manufacturer's plastic border timber, provided its method of attachment involves a 3/4" diameter steel spike. You have the freedom to use 6", 8", or 12" plastic playground border timbers because the attachment point sits BENEATH the timber.

Here are four easy steps to complete the installation of your new ADA Ramp from 2by2 Industries:

1. Before placing the Full Ramp, you must secure the two halves to one another using standard hex bolts, washers, and nylon nuts. There are predrilled holes in the flat ends of each ramp. This will be where the connections are made. Place one washer on the hex bolt side and one on the nylon hex nut side. Once they are started, go ahead and tighten the bolts and nuts using 9/16" sockets or wrenches on each side to ensure a secure grip.
2. Once bolted together and tightened, place the newly formed Full Ramp in its allocated space between the plastic border timbers.
3. Secure each side of the ramp to the border timbers using the 28.5" galvanized steel spike. Use the included plastic fillers to fill the gaps created from the upper and lower portions of the plastic border timbers, respectively.
 - If you are using 6" border timbers, your fillers will each be approximately 3" tall.
 - If you are using 8" border timbers, or using a 12" "fork-style" plastic border timber, your fillers will each be approximately 4" tall.
 - If you are using 12" border timbers, your fillers will each be approximately 6" tall.
4. Once secured in its desired location, secure a spike in each of the remaining countersunk holes in the ramp. There is one in the center at the peak (20" spike) of the ramp and three more at the entrance/exit portions of the ramp (12" spikes). In total, there will be eight (8) spikes secured in the ramp itself and one (1) securing the ramp to the plastic border timber (28.5" spike).

NOTE: The existing plastic border timbers that create the perimeter of the play zone should have come with the spike needed to secure itself to the ramp. If you are missing any spikes or plastic border timbers, 2by2 will be happy to furnish replacements at their everyday low price!