



SS Singlefold Ramp

Instruction Manual

RATED LOAD

- ▲ Maximum Rated Load is 700 pounds. NEVER EXCEED MAXIMUM RATED LOAD.

WARNING!

- ▲ Ensure top lip transition plate is secure before using ramp. We recommend attaching ramp temporarily to the landing using provided clevis pins (drill 1/4" hole in landing) or semi-permanently using screws through pre-drilled holes at the top of each section. To prevent ramp from becoming dislodged during use, make sure that the top lip transition plate overlaps the resting surface as far as possible.
- ▲ The surface holding the top lip transition plate needs to be substantial and of sound construction.
- ▲ Ramp may be slippery when wet or icy.
- ▲ Use ramp only with a qualified helper and always use your mobility equipment's lap belt.
- ▲ The ramp shown in the figures below is the 5-ft. length. To select the ramp length, an incline chart is provided on the reverse side of this document. However, it is intended only as a guideline. Refer to your equipment's (wheelchair or scooter) Owner Guide for the proper degree of incline/decline and chair direction before attempting ramp use. Never exceed its recommendations.
- ▲ Refer to your mobility equipment's (wheelchair or scooter) manufacturer for the proper degree of incline/decline and chair direction before attempting ramp use. Never exceed your mobility equipment manufacturer's recommendations.

SAFETY & MAINTENANCE

Regularly check ramp for damage, and check and tighten any loose fasteners. Keep ramp surface clear of ice, snow, dirt, leaves, and other debris. For snow/ice, remove accumulation and sweep the surface clean. To remove dirt, leaves, and other debris, sweeping the surface or using a garden hose will usually suffice, but, if needed, use a damp cloth or soft brush with non-alkaline detergent and water. Rinse well and use extra caution if ramp surface is wet.

MAXIMUM HEIGHT LIMITS

Ramp Length	Occupied*	Unoccupied**
2'	4" maximum	6" maximum
3'	6" maximum	9" maximum
4'	8" maximum	12" maximum
5'	10" maximum	15" maximum
6'	12" maximum	18" maximum

INSTALLATION

1. Read and follow all instructions before use.
2. Do not use if ramp is damaged or unstable.
3. For residential wheelchairs and scooters only
4. Not intended for commercial use.
5. Ramp is shipped fully assembled. To separate ramp into two halves for easy stowage and transportation, remove bolts and install hinge pins as follows:
 - a. Position as FIG. 1 shows. Align hinges, and insert hinge pin into each hinge assembly and connect ramp sections together before use. Spring section of pin should be on the underside (non-treaded side) of ramp.
 - ▲ Ramp may be separated for use when loading or unloading unoccupied mobility equipment only.
 - ▲ When used with occupied mobility equipment, use ramp as one unit (ensure both halves are joined with hinge pins or bolts firmly installed before use).
6. Place ramp on landing in folded position, ensuring top lip transition plate (labeled TOP) is resting securely on the landing, see FIG. 2.
7. Unfold ramp and center on landing.
8. Anchor ramp securely, through anchor holes to landing (FIG. 3). Use anchors appropriate for your landing material.
9. For ease in carrying and stowage, ramp can be disconnected and carried in two sections. (When hinge pins are not in use, store in one side of hinge or on the underside of ramp by inserting into the gap behind the top I-beam.)

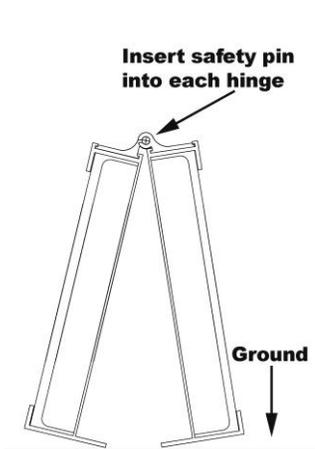


FIG. 1

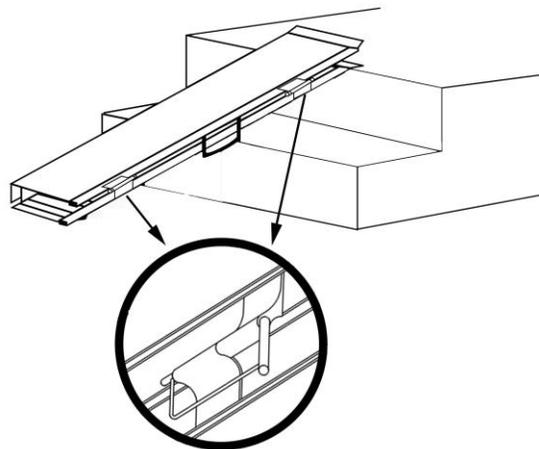


FIG. 2

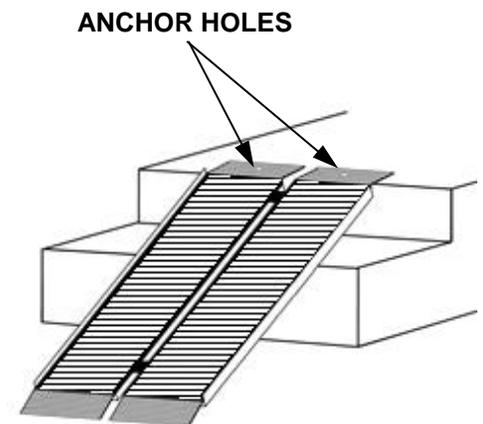


FIG. 3

INCLINE CHART

		RAMP LENGTH (IN FEET)				
		2'	3'	4'	5'	6'
RISE (IN INCHES)	3"	7.2 ⁰	4.8 ⁰	3.6 ⁰	2.9 ⁰	2.4 ⁰
	4"	9.6 ⁰	6.4 ⁰	4.8 ⁰	3.8 ⁰	3.2 ⁰
	5"	12.0 ⁰	8.0 ⁰	6.0 ⁰	4.8 ⁰	4.0 ⁰
	6"	14.5 ⁰	9.6 ⁰	7.2 ⁰	5.7 ⁰	4.8 ⁰
	7"		11.2 ⁰	8.4 ⁰	6.7 ⁰	5.6 ⁰
	8"		12.8 ⁰	9.6 ⁰	7.7 ⁰	6.4 ⁰
	9"		14.5 ⁰	10.8 ⁰	8.6 ⁰	7.2 ⁰
	10"			12.0 ⁰	9.6 ⁰	8.0 ⁰
	12"			14.5 ⁰	11.5 ⁰	9.6 ⁰
	14"				13.5 ⁰	11.2 ⁰
	16"					12.8 ⁰
	18"					14.5 ⁰
			INCLINE (IN DEGREES)			

TABLE 1

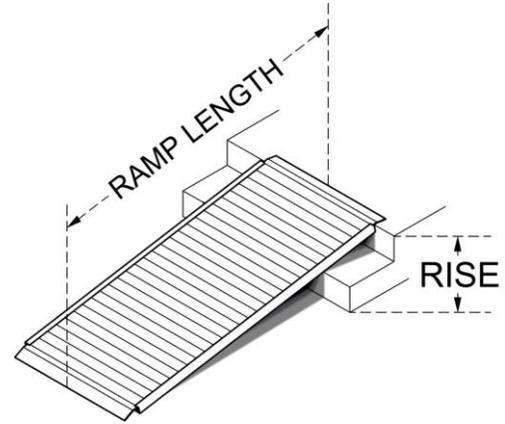


FIG. 4

TO ESTABLISH THE PROPER RAMP LENGTH:

- Determine the incline that your mobility device (wheelchair or scooter) is designed to climb.
- Measure the rise (distance from the landing, top step, porch, van, etc. to the ground).
- Refer to Incline Chart to find proper ramp length.