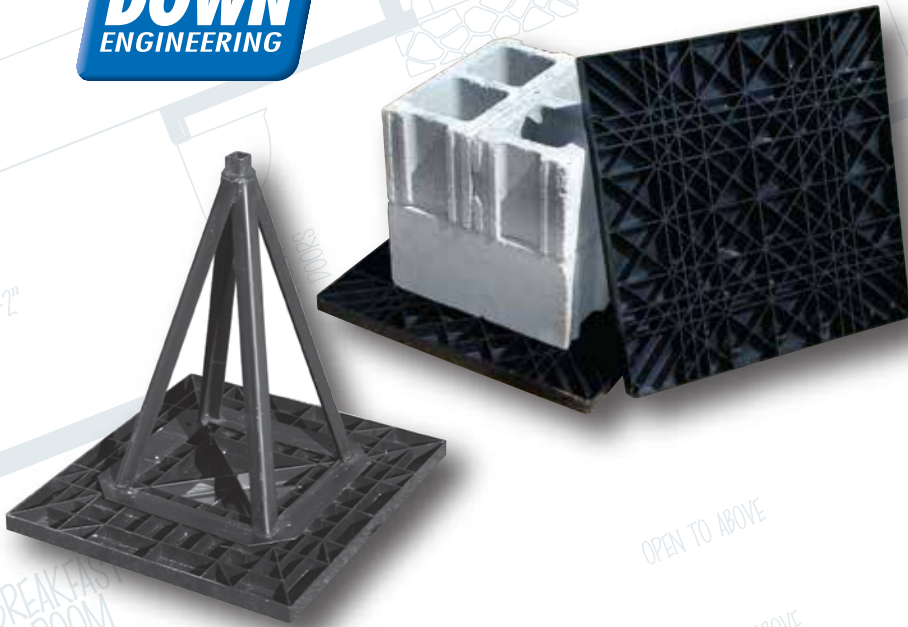




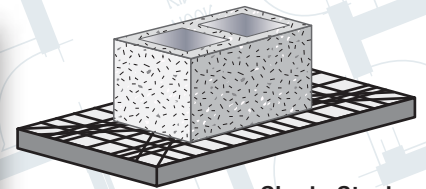
ABS Foundation Pads by TIE DOWN ENGINEERING



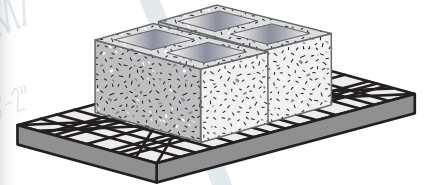
- Lighter than concrete, saves on labor.
- Larger pads to increase spacing, saving time and material.
- Made from recycled materials.
- Easily stackable for larger pad area and wider pier spacing.
- Multi stack for 5 sq. ft. & 6 sq. ft.

Pad Bearing Capacity

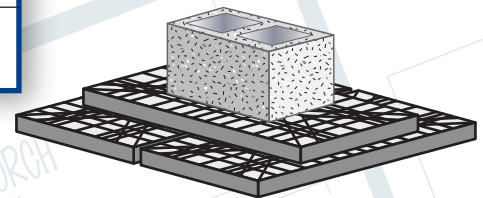
ABS Pad Size	Part#	1000 lbs. Soil	1500 lbs. Soil	2000 lbs. Soil	3000 lbs. Soil
16" x 18" - 2 Sq. Ft. 288 Sq. In.	59300	2,000 lbs.	3,000 lbs.	4,000 lbs.	6,000 lbs.
16" x 22.5" - 2.5 Sq. Ft. 360 Sq. In.	59301	2,500 lbs.	3,750 lbs.	5,000 lbs.	7,500 lbs.
17" x 25" - 3 Sq. Ft. 432 Sq. In.	59302	3,000 lbs.	4,500 lbs.	6,000 lbs.	N/A
24" x 24" - 4 Sq. Ft. 576 Sq. In.	59303	4,000 lbs.	6,000 lbs.	8,000 lbs.	N/A
Multi Pad Layout					
32" X 22.5" (See 1 below) 5 Sq. Ft. - 720 Sq. In.	3 X 59301	5,000 Lbs.	7,500 lbs.	10,000 Lbs.*	
34.4 X 25.2 (See 2 below) 6 Sq. Ft. - 864 Sq. In.	3 X 59302	6,000 Lbs.	9,000 lbs.	12,000 Lbs.*	



Single Stack Course



Double Stack Course



Multi Pad Layout

* Concrete Block rated @ 8000 lbs. Double block any higher loads.

1. The 32 X 22.5 Pyramid configuration uses 2 - 16 X 22.5 pads placed side by side with 1 - 16 X 22.5 pad on top in the opposite direction.
2. The 34.4 X 25.4 Pyramid configuration uses 2 - 17.2 X 25.2 placed side by side with 1 - 17.2 X 25.2 Pad on top in the opposite direction.



ABS Foundation Pad Installation Instructions

1. Pier spacing must be in accordance with the Manufacturers Installation Manual and/or State or local requirements.
2. Clear all vegetation and debris from area where pads are to be placed.
3. The ground under the pads must be leveled and evenly compacted or undisturbed soil.
4. Determine pad size by testing for the soil bearing capacity, if soil testing not available, use the 1000 PSF soil column of the instructions.
5. Place ABS pad with grid side up, smooth side down. Center blocks or pier on pad and complete installation.



General Notes:

1. Any configuration from the chart may be used to replace a concrete or wood base pad per 3282.312(A)(3).
2. The maximum load at any intermediate soil value may be interpolated between the next lower and next higher soil values given in the pad bearing capacity chart.
3. Pad sizes are shown in nominal dimensions and may vary slightly.
4. Maximum deflection 3/8", measured from the highest point to the lowest point of the top side of pad.
5. In areas susceptible to frost heave, the pad must be at the frost line or otherwise protected from the effects of frost. Refer to NCSBCS/ANSI A225.1 "Manufactured Home Installations" Homes set to Standard 24 CFR 3285 should not be susceptible to frost heave.

