

# PERMA-MOUND™ PERMANENT PITCHER'S MOUND PADS

(Patented)

## INSTALLATION INSTRUCTIONS

**CAUTION:** READ INSTALLATION INSTRUCTIONS CAREFULLY BEFORE WORKING TO PUT IN MOUND PAD.

PLEASE READ ALL THE *INSTRUCTIONS* AND *WARNINGS* CAREFULLY before taking your mound pad from the box. Installation is simple, but should take you about 2 to 3 hours to complete. BE PATIENT when installing the mound pad. When done correctly the mound pad will need a minimum amount of care in the future.

THE FOLLOWING ARE THINGS NEEDED FOR INSTALLATION.

- YOU WILL NEED AT LEAST TWO PEOPLE. Pad weighs about 187 lbs. and may be difficult to install alone.
- TOOLS: You will need a flat shovel, iron rake, 3' scraper or 3' rake, 100' tape, carpenters level, 6' rule, hammer, two 15" stakes, a 6' straight board, string and a few wheelbarrows of mound clay. Most mounds need extra clay in rear area. (see drawing)
- Check MOUND HEIGHT. Should be 10" above baseline.

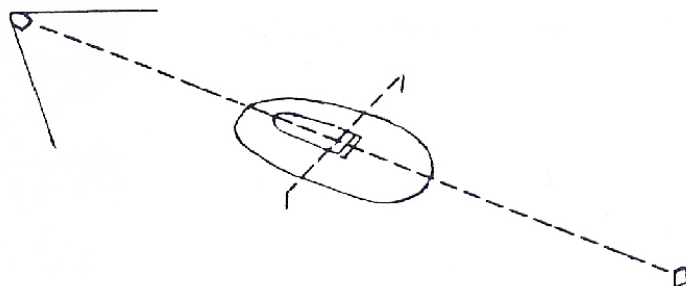
For Regulation Mounds, Pitchers:

READY TO BEGIN.

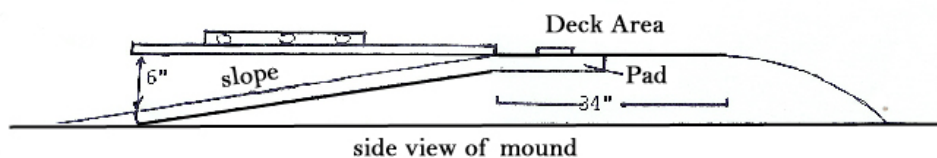
Take the mound pad out of the box. Carefully unroll the pad out on the ground. (**WARNING:** pad could unroll freely and slap and hurt a young person.) Let pad lay on the ground to get it back to its natural flat position. (Being in the box may curl it some but it will level out.)

ROUGH SIDE OF PAD IS THE UPSIDE.

1. Pull a string from the Apex (pointed end) of home plate to the front corner of second base. String should cross rubber in the middle. If not, mound is off or second is off.
2. The pitchers mound is exactly 10" above home plate and the front of the rubber is exactly 60'6" from the apex (pointed end) of home plate. Drive a stake at the proper distance from home plate in line with second base and, using a transit or string and level, mark the correct elevation. This marks the front and top surface of the pitchers rubber. For little league mounds, the pitcher's mound is exactly 6" above home plate and the front of the rubber is exactly 46' from the apex (pointed end) of home plate.
3. With flat shovel shave off or add clay to mound area about 5' wide (centered on string) to get proper mound height. Mound should have a flat deck area around and behind the rubber and a 6' slope down the front. The flat deck begins 6" in front of the rubber and should be 34" from front to back and 5' wide. The slope begins 6" in front of the rubber and will have 6" of fall to the end of the pad. Use ruler, level and 6' straight edge. (see drawing)



For little league mounds, the flat deck begins 4" in front of the rubber and should be 17" from front to back and 40" wide. The slope begins 4" in front of the rubber and should have 6" of fall to the end of the pad.



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- Outline and excavate area of pad placement (36" x 7'6") 2-4 inches bigger than the pad will be to a depth of 2-3/4" (3/4" for pitcher's plate, 7/8" for cedar shim, 1-1/8" for thickness of pad) at rubber tapering down to 3-1/8" (2" of clay and 1-1/8" for thickness of pad) at landing area.

If using plastic cleats and mounting at surface, only excavate 1-7/8" (3/4" for pitcher's plate and 1-1/8" for thickness of pad) at rubber tapering to 1-1/8" (thickness of pad) at landing area.

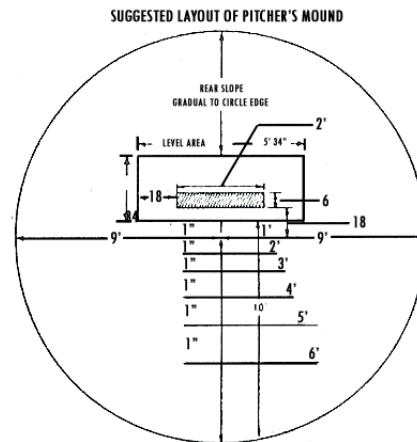
- Tamp clay area where pad is to go and get clay firm. **THIS MAY TAKE A FEW TRIALS TO DO IT CORRECTLY.** (Check cross-level). Add clay to suit (level or raise). Rake and pack area smooth and tamp again. Scuff area lightly to get clay lose and level. **THIS IS THE KEY TO GET A GOOD JOB.**
- Lay pad on mound. Line up pad so it is centered on mound (measure top and bottom). Next check distance from home plate to black line on the pad. Also, check levels – deck and slope as in #2 and #3 above.
- When distances are OK – put spikes in rubber and cedar shim if using shim (shim goes between rubber and pad) and push through holes in pad until it is flush with pad. Pad is now locked in place.
- Check all measurements again to be sure.
- Fill clay around pad so clay is level with top of pad. Tamp and rake well to shape the rest of mound.
- Make smooth contours with back of rake. Keep clay area level with pad about 6" from pad on front, 18" on sides, and about 22" to rear of pad. (See drawing below and suggested layout).

**NOTE:** Mound will probably be bigger than you have been used to seeing. But this is the way it is supposed to be. Most mounds taper down just behind the rubber. Deck area is supposed to be level 22" behind the rubber. (*see layout*)

For little league mounds, keep clay area level with pad, 4" in front of pad, 11" on each side, and 9" to rear of pad.

**RECOMMENDED:**

- Keep a piece of artificial turf or an old carpet over pad during regular batting practice and at night. It will save a great deal of mound maintenance.
- Mound pads used with metal cleats usually need to be repaired at end of season. Just clean and repour worn areas with repair kit following repair instructions.



The degree of slope from a point 6" in front of the pitchers plate to a point 6' toward home plate shall be 1" to 1', and such degree of slope shall be uniform.

Pitching Mound - An 18' diameter circle, center of which is 59' from back of home plate.

Locate front edge of rubber 18" behind center of mound.

Front edge of rubber to back point of home plate, 60'6".

Slope starts 6" from front edge of rubber.

Slope shall be 6" from starting point, 6" in front of rubber to point 6' in front of rubber, and slope shall be uniform.

Level area surrounding rubber should be 6" in front of rubber, 18" to each side and 22" to rear of rubber. Total level area 5' x 34".

ART. 2 ... The pitcher's mound may consist in part of synthetic material that is commercially manufactured for that purpose. If a mound pad is composed of natural soil and synthetic material, the synthetic material must be securely attached to the ground and be installed at least flush of slightly below clay area which forms the ground. The mound area should meet suggested height and slope specifications.

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