



## **Mounting your Arena Mirrors**

### **Some things to think about before you mount your mirrors. . . .**

What do you want to see when you are using the mirror/ Side view or straight ahead; you may choose a corner, part of the short side, or the long side near the center of the arena. Is the rider or the horse more important to you? When the mirror is hung it may need to be angled to give the best view when you are mounted. If you are using the mirror outdoors, then think about where the sun is and what time of day you usually ride. The sun's glare can be distracting.

The mirrors need a secure base to mount onto, as a backing, and also, to mount to a wall or posts. You will need to add boards to give a good base to screw the mirror in to. A shelf or ledge will be needed at the bottom especially if you will be tilting the mirrors, often the top of the kickboards work well for this.

Your installation will only be as good as the base you are mounting the mirror to, it must be straight and true. Ask all your questions before attempting to hang the mirror.

### Commonly asked questions:

Distortion, yes there can be some distortion, when dealing with large panels it is difficult to keep the panels perfectly flat.

Image size: Mirrors do not enlarge what you see. The further you get from a mirror the smaller the image you see.

**Because we cannot control the installation and use of the mirrors we cannot accept responsibility for damage or poor performance. Mirrors are not returnable.**

Note: Arena Mirrors weight approximately 1.375 pounds per square foot, glass of a comparable size weight 3.28 pounds per square foot.

### **Mounting the mirror:**

*Do not remove the protective film on the mirror front until you are completely done with the mounting project!*

Place the mirror panels on a clean flat surface.

1. Prepare a flat surface that will support the weight of the mirror - set horizontally, to allow the application of adhesives. Leave in place after the adhesives are applied for setup time -- 24 hrs.
2. The best mounting surface is HDO or MDO or marine grade 3/4" plywood, unpainted wood on which to apply the adhesive/
3. To start, take the metal tube (540) and there is a pull tab on the bottom. Pull tab off and place tube into a standard caulking gun, cut the top nozzle off and use a sharp object in the top to break the inside seal.
4. You will need all 8 tubes, take each one and in a zig zag pattern apply all 8 over the whole area. (See videos).
5. Take the 1/4" V notched trowel and take the straight edge side and cover the entire surface with adhesive - spread to cover all of the bare wood.
6. Then take the notched side and in straight lines pass along the whole surface until you see lines created on the wood. (See Videos).
7. Make sure you see wood as you trowel, you should see wood and adhesive in lines set by the notches. You need to have near 100% coverage.
8. Add a continuous silicon bead within 1/4" of the edges, as a moisture sealant barrier, around the entire perimeter of the mounting board upon which the mirror will be mounted.
9. Now place mirror on the surface and place the mirror to set into the adhesives. Protecting the mirror surface, carefully, to avoid scratches or uneven pressure, Place another piece of flat wood on top with weights to keep this flat as it sets up. Allow 24-48 hours cure time.
9. After 24 hrs you can now install.

### **Outdoor applications:**

Freestanding outdoor applications should be mounted with exterior grade – marine grade plywood or HDO or MDO/ MDF. Sturdy posts (6x6 or bigger) installed well into the ground 3-4 feet will be needed to prevent blow over. Protection for the face of the mirror and putting a ‘roof’ over the top edge for protection from the weather is also recommended. It is best to protect the edges and back from moisture both with a silicon sealant and also by physical barrier such as framing.

### **Cleaning:**

We use a spray wax like Pledge and a soft cotton cloth which picks up the dust and the wax will fill in any tiny surface scratches.

### **Storage:**

Try not to order your Mirror too far in advance, the protective film is held on by static and it will loosen and probably fall off as time passes. Be sure to store your mirrors flat, in a clean dry location, prior to mounting.