

# Shatterproof Arena Mirrors

## Lighter, Brighter, Safer

## About Our Arena Mirrors

Made from polyester film, LiteMirror will not shatter or break into dangerous shards when impacted. This key feature provides piece of mind when it comes to the safety of your riders and horses.

Each LiteMirror panel is made with an aluminum extrusion and a rigid foam core insertion. The frame also has a small lip around the perimeter of the panel. Across this lip, a vacuum plated polyester film is stretched and treated to form the mirror surface.

As a result, the mirror will never shatter and are extremely light weight. All standard size panels weigh less than 15 lbs.

### CLEANING INSTRUCTIONS:

The film is tough, but it can be damaged by fingernails or sharp instruments. If cared for properly, it should last indefinitely. Handle by holding along edges, only do not press down on mirror surface with your thumbs when holding mirror along edge. Do not put any weight or object on mirror.

**EASY TO CLEAN:** While the mirrors are generally anti-static, there can be some dust inside arenas.

Blow off any dirt with compressed air or for larger mirrors, use a leaf blower. Any dust or hard particles in the cloth or on the mirror may scratch the film surface. Then spot clean by spraying glass cleaner on a soft non-abrasive cloth, such as microfiber and wipe gently.

### INSTALLATION:

Please follow our instructions guide for an easy installation provided with shipment. Mirrors can be flush mounted or installed with a slight tilt.

The arena mirrors come with reinforcements and mounting brackets already attached for an easy installation.

For indoor arenas, we recommend mounting the mirrors above the kick. Try to determine how tall the riders are on the horse so we can recommend what height mirror to mount. We can accommodate any size arena. Our mirrors can run up to 20' wide and 6' tall. Our installation instructions allow for a flush mount or a slight downward tilt.

We recommend that the wall cleats are mounted on a surface that is in **good condition and not subject to warping in various weather conditions. Perhaps use pressure treated.** If mounted on warped wood, the image will be distorted. **DO NOT FORCE OR TWIST PANELS.** If the mirror panel is forced and twisted, it can cause wrinkles in the center of the panel. Once the mirror is twisted, it is very difficult to fix. Contact us for further clarification.

The mirrors are exceptionally light weight, please **do not over tighten** any screws as this can cause distortion.



If birds are inside your arena, there are precautions you can take to ensure the birds don't fly into the mirrors thinking it's open space. If they do however, they won't die because the mirrors are 'soft'.

By hanging a "Bird Saver" along the entire width of the mirror, it will deter birds from flying into the mirror. It's a horizontal cord with vertical cords hanging down spaced 4 1/2" apart for the length of the mirror. Birds think it is an obstruction and will not fly into the mirror.

Visit [www.BirdSavers.com](http://www.BirdSavers.com) for purchase or instructions for a simple DIY project.

Screens and shades can also be mounted – see below for additional information.

\*Also, prevent birds from perching on top of the mirror panels by placing spikes along the top – the panels are 1 1/4" thick.



**Outdoor Installation:**

The mirrors can be mounted outside with some guidelines for long term enjoyment. Please contact us for additional information for covered arenas.

We suggest building a frame of steel or 3/4" pressure treated wood (in excellent condition, if the wood is warped, the mirrors will reflect what it's mounted on). The frame should have a 'wall' behind the mirrors to prevent wind from blowing them out from behind & in some cases placing a piece of wood running vertically tall at each end to prevent wind from blowing between the wall and the mirrors. There should be a small ledge or roof so that the mirrors can be protected from birds perching on top of the panels. Contact us for more clarity.

Protect the longevity of your mirrors by covering them when not in use. This helps to prevent damage from windblown debris, bird strikes or other animals from charging at themselves.

LiteMirror offers roller shades or screens. The screens can be extended the entire time avoiding the need to roll them up when using them, which also helps prevent wind from blowing the mirrors. Thicker vinyl or opaque shades would be retracted when arena is in use. The screens or shades can be controlled manually or motorized by electricity or solar power.

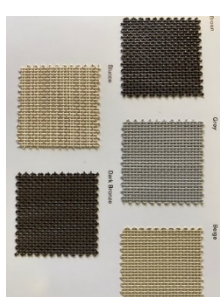
Screens and shades come in various sizes to cover your mirrors and may require multiple shades to cover the span of your arena with a wide variety of colors and textures.

**Manual** – shades and screens up to 20', **Solar** to 14' or **Electric Motorized** up to 24' wide

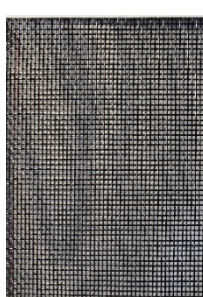
For professional riding arenas, your logo can be added to the shades. We are happy to consult with you to discuss all the various options.



**OPAQUE FABRIC**



**VINYL MESH**



**SCREEN**



**GRAY VINYL**



Screen may remain extended

Other videos are available on our website and YouTube page.

**As an alternative:**

Create a curtain of microfiber cloth and a waterproof tarp or build a door to enclose the mirrors when not in use.

**Dimples, Dents or Tears:**

If you find a dimple or dent – whether it's from a horse or a bird, it can easily be removed by using a heat gun approximately 2" away from area. Please visit our website: [www.LiteMirror.com/installation-care](http://www.LiteMirror.com/installation-care) to watch the video "How to Fix a Mirror".

If a horse kicks the mirror – she/he won't get hurt & we can always resurface the mirror.

All arenas are different. We are happy to discuss specific questions pertaining to your arena in terms of installation, size, quantity etc.

**Some additional things to consider when building out your mirror wall:**

Costs of insurance premiums should be reduced when using LiteMirror for the simple reason, it is shatterproof, and no one will get hurt.

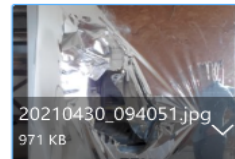
There are no vet bills or emergency room visits for riders who were thrown into a mirror.

Below is an email with a picture showing their horse who charged the mirror and went right through it.



← **Mirror Resurface? :)**

Fri 4/30/2021 9:44 AM  
To: info@litemirror.com



Morning! :)

I know this is a long shot, but is this repairable in any way?

Have to say, super SUPER happy I invested in these mirrors... I can only imagine the damage if that horse went through a plate glass mirror instead of this one. \*phew!\*

Thanks so much!

[Reply](#) | [Forward](#)

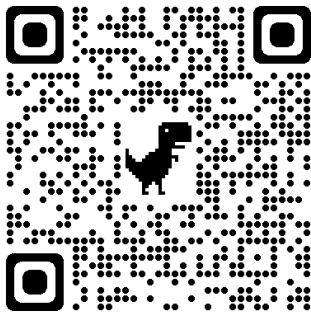
Above is a picture of a horse who put their hoof right through the mirror. **No injuries or vet bills.**





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Scan me!



Contact us: Email: [info@LiteMirror.com](mailto:info@LiteMirror.com) or Call: 1 914 231 7330 or 1 833 964 7767 (1 833 9 MIRROR)

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