

Shatterproof Arena LiteMirrors

Lighter, Brighter, Safer

About Our Arena LiteMirrors

Made from polyester film, LiteMirror will not shatter or break into dangerous shards when impacted. This key feature provides peace 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 LiteMirror surface.

As a result, the LiteMirror will never shatter and is 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 the LiteMirror surface with your thumbs when holding the LiteMirror along the edge. Do not put any weight or object on the LiteMirror.

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

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

INSTALLATION:

Arena LiteMirrors come with reinforcements and mounting brackets already attached for an easy installation. **Do not over tighten screws.** Please note that wood changes its composition in heat, humidity and cold weather. It is best to use pressure treated which can also change slightly in weather conditions. If the LiteMirrors are overtightened, the LiteMirrors may get distorted or twist as the wood changes. LiteMirror is not responsible for these damages.

For indoor arenas, we recommend mounting the LiteMirrors above the kick wall. Determine how tall the riders are on the horse so we can recommend what height LiteMirror to order and mount. We can accommodate any size arena. Our LiteMirrors can run up to 20' wide and 6' tall. LiteMirrors are very easy to work with. They can be mounted to the wall or tilted from the top allowing riders to see themselves at the far end of the arena. See attached mounting instructions.

We recommend that the wall cleats are mounted on a surface that is in excellent condition, and not subject to warping in various weather conditions. If the LiteMirrors are tightly mounted onto wood, the image will be distorted if there are any changes in temperature or humidity. **DO NOT FORCE OR TWIST PANELS** during installation. The panels should freely touch the wall without having to force it. If the LiteMirror panel is **forced and twisted** with application, it **can cause wrinkles** in the center of the panel. Once the LiteMirror is twisted, it is very difficult to fix, and more than likely will result in needing new LiteMirrors. LiteMirror is not held responsible for improper installation practices, and based on the issue you may be experiencing with the LiteMirrors- we will be able to identify if there was an improper installation.

The LiteMirrors are exceptionally lightweight, please do not over tighten any screws as this can cause distortion and further is deemed as an improper installation.



If there are birds inside your arena, there are precautions you can take to ensure the birds don't fly into the LiteMirrors. If they do, they won't die because the LiteMirrors are 'soft', but they can damage the mirrors. To avoid damages from bird-strikes, we recommend protecting them when not in use.

Some recommendations:

1- "Bird Saver" along the entire width of the LiteMirror, it can deter birds from flying into the LiteMirror. It's a horizontal cord with vertical cords hanging down spaced 4 1/2" apart for the length of the LiteMirror. Birds think it is an obstruction and should not fly into the LiteMirror; but LiteMirror is not held responsible for incidents.

Visit www.BirdSavers.com for purchase or instructions for a simple DIY project.

2 - Screens and shades - See below for additional information.

3 - Microfiber curtains - DIY

*Consider placing spikes along the top of the LiteMirror panels, to prevent birds from perching on top of the LiteMirrors.

Outdoor Installation:

Covered arenas - there can be wind that billows the film. Consider placing screens in front of the LiteMirrors to avoid this issue. Or contact us for additional solutions.



The LiteMirrors can be mounted outside **with guidelines** for long term enjoyment.

We recommend building a frame of steel or 3/4" pressure treated wood in excellent condition; if the wood is warped, cheap, old, or damaged, the LiteMirrors will show distortion. Mirrors reflect what they are mounted on. You are responsible for making sure the conditions of the frame are suitable for LiteMirror installation. If you have any questions please contact us. In order **to prevent wind** from moving the LiteMirrors in your outdoor arena, the surface where they are hung should have a 'wall' behind the LiteMirrors and along the sides. Depending on your space it may be necessary to install wood running vertically tall at each end to prevent wind from blowing between the wall and the LiteMirrors. There should be a small ledge or roof so that the LiteMirrors can be protected from birds perching on top of the panels. If you are unsure how to protect these LiteMirrors, please feel free to call us. **LiteMirror is not held responsible for improper installation.**

Additionally, all LiteMirrors **should be protected** from windblown debris, birds and other animals from charging the LiteMirrors. We recommend they are covered when not in use by using shades, screens, a door or some other type of protection. (Extended roller screens as noted below, can also provide protection from wind billowing against the film causing movement).

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 LiteMirrors. Thicker vinyl or opaque shades would be retracted when the 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 LiteMirrors and may require multiple shades to cover the span of your arena with a wide variety of colors and textures. We recommend purchasing a shaded screen or creating your own means of protection for your LiteMirror wall.

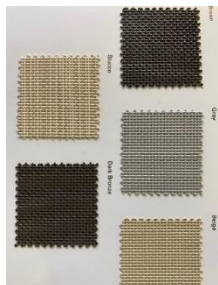
Manual – shades and screens up to 20', **Solar** to 14' or **Electric Motorized** up to 24' wide

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



Other videos are available on our website and YouTube page <https://www.youtube.com/channel/UCQgKXxg-RHR2bG8X4VZSkQ>.

As an alternative:

You can create a DIY curtain made of microfiber cloth and a waterproof tarp or build a door to enclose the LiteMirrors 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 the area. Please visit our website: www.LiteMirror.com/installation-care to watch the video "How to Fix a Mirror".

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

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

Additional things to consider when building out your LiteMirror 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.

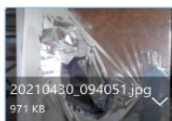
Below is an email with a picture showing their horse who charged the LiteMirror and went right through it.

Two separate instances - NEITHER HORSE GOT HURT



← 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?

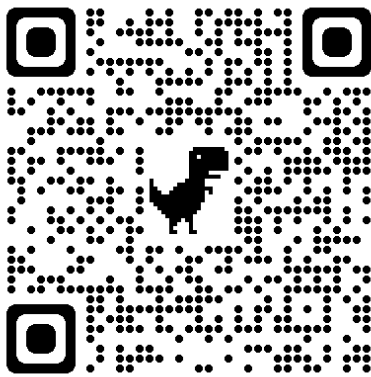
Have to say, super SUPER happy I invested in these mirrors... I can only imagine the damage if that horse went through a plate glass mirror instead of this one. *phew!*

Thanks so much!

Reply | Forward



LiteMirror



Scan me!



Contact us:

Email: info@LiteMirror.com

Call: 1 914 231 7330 or 1 833 964 7767 (1 833 9 MIRROR)

Please check out the:

[LiteMirror YouTube Channel](#)

