



# Designer Cut Series CineGrey 4D AT

Acoustically Transparent Ambient/Ceiling Light Rejecting Front Projection Material

Model# RM-139H151V-C4DAT

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The **Designer Cut CineGrey 4D AT** is a pre-cut screen material for use in custom solutions and other improvised installations according to the integrator's needs.

Elite Screens wants you to enjoy your **Designer Cut CineGrey 4D AT Projection Screen** to its full extent for many years to come! We made the Designer Cut materials available for you to be able to fully customize your projection experience, however, please note that ALL Designer Cut materials do require specific properties to be adhered during installation to obtain an enjoyable viewing experience.

The **ISF Certified CineGrey 4D AT** is an ambient and ceiling light rejecting (ALR/CLR®) front projection screen material that is perforated for acoustic transparency. It is precisely formulated for environments with minimal control over room lighting. It was designed to enhance picture brightness, offer accurate color fidelity, improve contrast, and allow sound to pass through for in-wall or behind the screen speaker installations.

**Compatible only with standard long throw projectors.**

## CAUTION!

WEAR GLOVES TO AVOID TOUCHING THE SCREEN MATERIAL WITH YOUR BARE HANDS. OIL FROM YOUR FINGERTIPS WILL LEAVE STAINS ON THE PROJECTION SURFACE WHICH ARE NOT REMOVABLE.

## Care & Use

Please follow this general rule of thumb for all Designer Cut Series Screens

- Only project on the "front" side of the material. The material will have a label to indicate the backside.
- Stretch material taught over any frame/structure of your choice.
- Never place your screen over a window or under consistent sun exposure.

**NOTE: Direct sunlight destroys projector screen materials. Solar radiation breaks down synthetic projection materials, so it is best to keep them away from direct sunlight.**

## Installation Tips

- If you are using a staple or nail gun to stretch your material over a custom frame/structure you can reinforce the puncture area with a duct tape strip to prevent tearing the material as it's being stretched.  
**NOTE: Sharp metal implements such as thumb tacks or nails will cause the material to tear under its own weight when improperly applied.**
- For best picture quality results, maintain a minimum viewing distance if possible 1.5 times the width of your projection image.

## Material Maintenance

**Wrinkles/Creases:** The material may have minor wrinkles which will get removed after stretching it tightly over a frame or a mounting system that allows tension.

**Dust/Dirt:** A feather duster should be used to remove loose dirt or dust. Use mild soap and warm water on a microfiber cloth to clean dirt or dust spots. Do not rub or scrape the material.

- Don't point to the screen material with a fingertip or other sharp objects to prevent damage to the material.
- Don't use acetone, benzene, alcohol, and any other organic solvents to clean the screen material. Using such chemicals will permanently damage the screen.

We take great care in packaging the **Designer Cut** series of materials so that they arrive at your doorstep with zero issues. Should your screen arrive with any shipping damage or show signs of damage, we urge you to contact us directly so that we can provide a speedy resolution – we always strive for the best customer experience and are here to help.

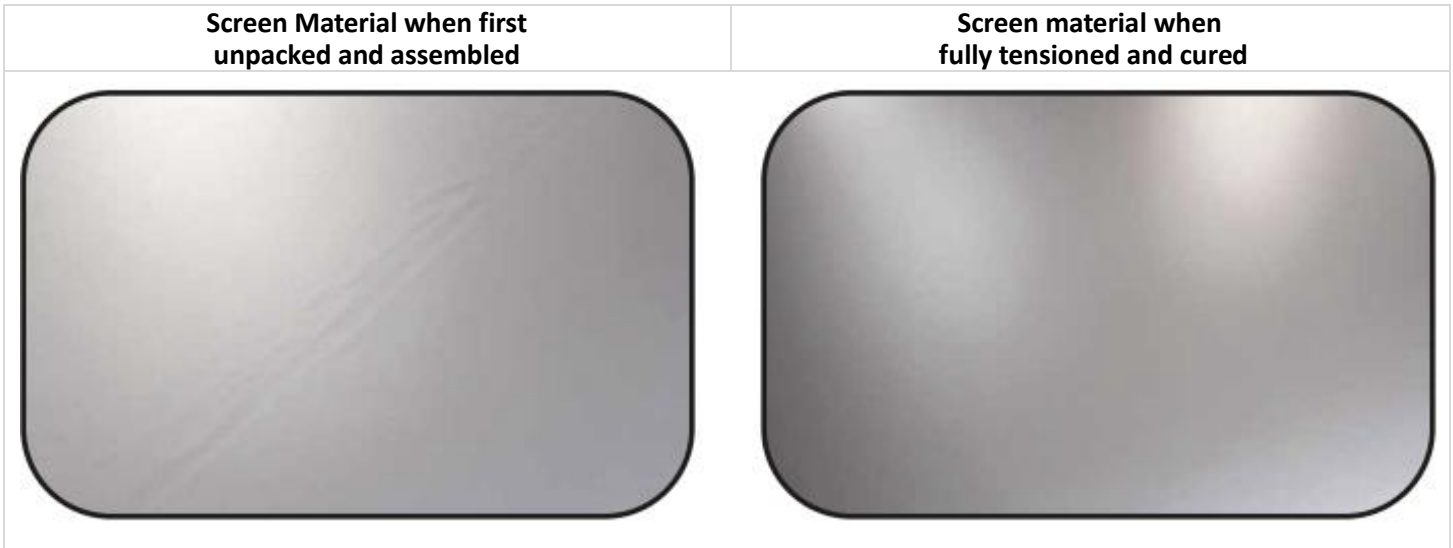
## **Addressing Indentations on the CineGrey 4D AT Material**

If you notice slight indentations on the material upon unpacking the screen, there are a couple of things that can be done to alleviate them. The easiest method would be to allow the material to rest. These indentations should dissipate over time when the screen is fully assembled and the material is completely tensioned.

To quicken the process, before mounting the screen, use a hairdryer set on medium heat and blow on the material from its back side while slightly pulling on the edges to further tension the material. Always keep the hairdryer about a foot away. Do not apply excessive heat as this will cause the material to deform. You may need to repeat this process for a couple of times depending on the severity of the indentations.



***NOTE: After applying heat, you must allow the screen to cool down completely before it shows any improvement in alleviating the indentations.***



**Elite Screens Guarantees all our Designer Cut Series screens to fully cover the advertised diagonal size and aspect ratio (when thoroughly stretched over an/your existing frame), however, due to the nature of the polymers in some materials; you may notice:**

1. A slight difference in screen size when rolled out. This shrinkage is normal and it's due to the materials temperature adjustment while packed, stored and shipped. Please note that the Designer Cut Series of materials require a taut stretching for optimal performance of up to 139" diagonal 16:9/151" diagonal 4:3 DIY frame.
2. A minor line every 5" to 8" when rolled out. This is normal and is due to the edge of the material causing a minor imprint when the material is being rolled for packing. Please note that the Designer Cut Series of materials require a taut stretching for optimal performance of up to 135" diagonal 16:9 DIY frame. This stretching should remove any minor imprint from your final installation and should not affect your viewing experience.

If for any reason you receive a product that shows significant shrinkage (over 2"-3" difference) or deep crease lines that do not alleviate with stretching, please contact our dedicated service team for assessment and resolution.

**[service@elitescreens.com](mailto:service@elitescreens.com)**

***For Technical Support or an Elite Screens Contact in your area, visit  
[www.elitescreens.com](http://www.elitescreens.com)***

## Notice to Installer

Please use the following installation instructions to obtain superior optical performance from the CineGrey 4D AT Angular-Reflective ALR (Ambient Light Rejecting) Front Projection Surface.

- Angular-reflective material is not compatible with Ultra-Short and Short-Throw Projectors
- Ambient light must not come from the same direction as the projector.
- Higher lumen Projectors perform best in ambient light room environments.

Since angular-reflective means that the projected image will reflect at the mirror-opposite angle, it is important to position the projector so that the viewer will get the best possible image at the sweet spot.

**Step 1:** Establish the general “eye level” of the viewers.

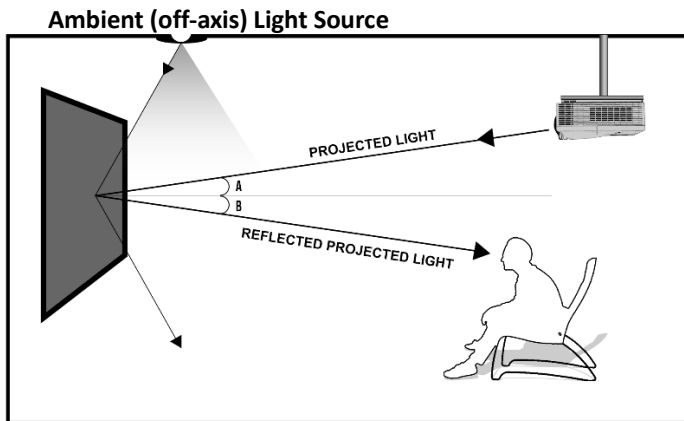
**Step 2:** Set the appropriate projection level.

**Step 3:** Adjust the screen height level and projection angle.

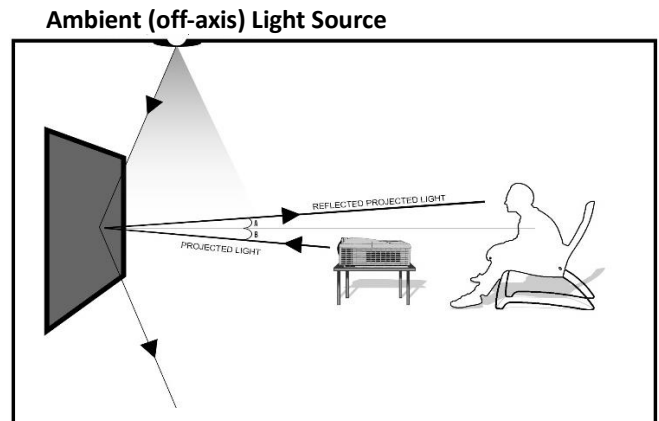
Input Angle (A) = Output Angle (B) aligns with the viewer’s angle

### Correct Installation Examples using a Standard Throw Projector

**Ceiling Installation:** Make sure the projector (*light in*) is angled (A) to reflect (B) at the mirror-opposite angle (*light out*) to align with the viewer’s eye level.

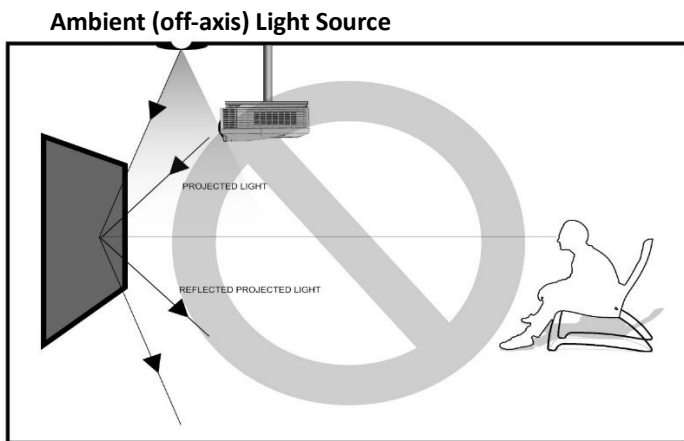


**Tabletop Installation:** Make sure the projector (*light in*) is angled (A) to reflect (B) at the mirror-opposite angle (*light out*) to align with the viewer’s eye level

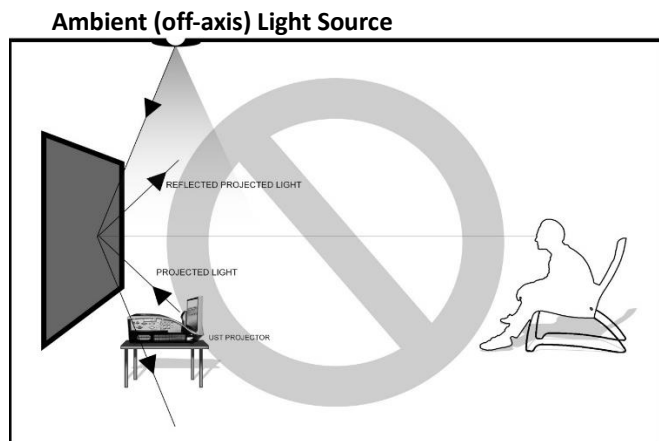


### Incorrect Installation Examples using Ultra-Short and Short-Throw Projectors

**Ceiling Mounted Ultra-Short/Short-Throw Projector**



**Tabletop Ultra-Short/Short-Throw Projector**



**Note:** Improper installation will result in light loss and produce a smokey/hazy image. This is due to the projector’s light reflecting in the wrong direction.

Images are not up to scale and for illustration purposes only.