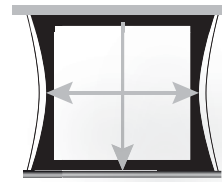


# Screen flatness affects the resolution in your projection



Non-tensioned screens are only supported vertically, potentially causing waves or ripples in the projected image.

Tensioned screens are supported both vertically and horizontally, creating a uniformly flat projected image.



## The benefits of using a tensioned projection surface:

### 1. Always a **guaranteed flat** projection surface

The tab-tensioning system will keep the projection surface under a constant tensioning for a perfectly flat viewing area. A flat projection surface will get the most out of your projector, making sure no pixels get lost or deformed. If detail is important a perfectly flat projection area is vital.



### 3. **A longer life cycle**

**Changes in temperature and humidity**

A tensioned projection surface can withstand changes in temperature and humidity better than a non-tensioned surface.

**Resilience**

The resilience of the tensioned materials will result in an even longer life cycle of the product.



### 2. A **smoother** surface

Non-tensioned fiberglass surfaces have a visible coarse texture that creates noise in the projected image and greatly reduces the image quality. The vinyl projection surfaces used in tab-tensioned projection screens are smoother and preserve the image quality much better making it suitable for high resolution projectors.



With HD resolution especially, only a tensioned screen should be specified. A tensioned screen will show the flattest and most pleasing image quality from a projector.

Fiberglass surfaces are non-tensioned materials used for basic manual and electric type screens and cannot reproduce an HD quality resolution because the material is only tensioned vertically, potentially elongating and warping individual pixels in the projected image.

## Additional features:



**Slim-Tabs**  
A lower profile, stronger tab design to the screen perfectly tensioned.

On the slat bar a preset adjustable mechanism is available to adjust screen tensioning.

