

Anti-Glare

our Matte Effect for optimal display resolution and decorative effects



Glare is a negative sensation produced by too much reflection in the visual field. As a result, glare causes reduced visibility (less contrasts e.g.).

Displays, due to their polish glass cover surface, are prone to causing glare. This is especially so when placed in unstable lightning conditions, such as car interior displays exposed to flickering day light or night lights for instance.

Uncontrolled glare of both car interiors or building displays may greatly reduce the usability of such devices. This can negatively affect the perception of the display quality or even obstruct the readability of the information it provides.

Why is our matte effect so crucial?

A good anti-glare treatment will allow the cover glass to diffuse off its surface unwanted light reflection and so greatly improve the usability of displays. Our matte effect excels at achieving this.

With anti-glare, the user is not disturbed by unwanted light reflection anymore. He or she can focus on the transmitted image, fully enjoying the experience offered by the display.

However, typical anti-glare tends to lower display contrasts, while producing unwanted haze and sparkle. This alters the visibility of the display, thus also its usability. Our matte effect, an exclusive and proprietary anti-glare, is a nano-textured anti-glare directly etched into the cover glass.

The acid-etching process is very specific and guarantees better homogeneity of products, even in large dimensions.

As it results from the glass structure itself (rather than from a coating added to the glass surface), our matte effect has remarkable properties compared to other anti-glare or anti-reflective solutions.

Glare reduction

Strong glare reduction, giving the display user a high-end experience with readability comfort.

Durable

Because matte effect alters the structure of glass itself, without depreciating any of its properties.

Reliable and qualitative visual aspect

Provide suitable optical properties for all types of applications, especially for displays requiring the highest standards.

Can be used for display applications up to very high resolution (>500 dpi) and optical standards, keeping the visuals sparkling-free.

No blueish or reddish reflection depending on angle dependency.

Touch-feeling

Soft or silky touch to the fingertip depending on the anti-glare type.

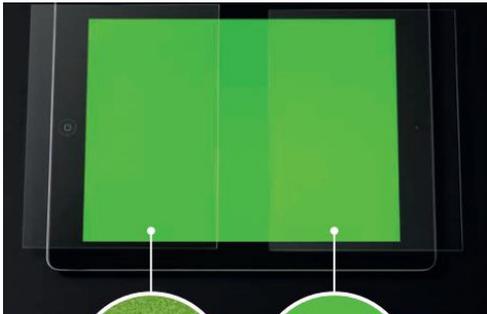
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Our very specific acid etching process guarantees better homogeneity of matte finish products, even in large dimensions. It is also possible to process partial etching..

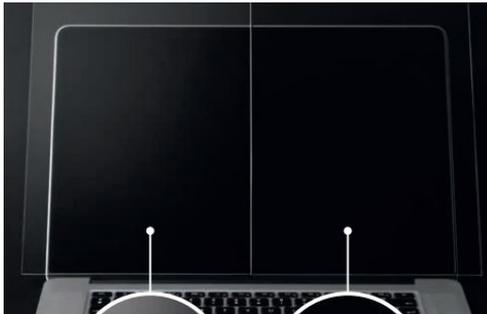
We propose three types of matte effects depending on the level of anti-glare and the gloss level you wish to achieve: Satin, Matte and Extra Matte.

Our tailor-made offer : the Matte Effect declined in two nuances

	Extra-Matte	Matte	Satin
Glare reduction	+++	++	+
Light diffusion	+++	++	+
High resolution preservation	+	++	+++
Aspect	powdered	skin	sheen
Touch feeling	soft-touch (cotton-like)	soft-touch (cotton-like)	silk touch (glazed paper-like)



Without Matte finish With Matte finish



Without Satin finish With Satin finish



To go further



Our anti-glare can be combined with other glass surface treatments depending on the mechanical and the optical properties you wish to achieve, including:

- Anti-reflective;
- Anti-fingerprint coating.

At FeellnGlass®, we are ready to guide you through the choice of finish (Satin, Matte or Extra-Matte) depending on the specificities of your display and of the properties or functions you wish to achieve with it.

The information contained in this data sheet is intended to assist you in designing with AGC materials. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The user is responsible for determining the suitability of AGC materials for each application.

FeellnGlass®, your new partner in thin glass

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