



biselarte

Technical

TECHNICAL



Your reflection will not be the only benefit of the mirror. With our wide range of components (on a technological level), you can turn a simple look in the mirror into a remarkable experience.

Here you can find out about all our solutions and the technical specifications of our mirrors.

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MIRROR COMPONENTS

Created for a quick understanding of all the buttons of our mirrors.



Mirror Blue II Sensor

The MirrorBlue II sensor is a Bluetooth system with 4 buttons that allows you to control the lighting, demister, Bluetooth (volume up/down and/or media control). ON/OFF button for illumination , also includes the dimmer function when a long touch is made or the demister function with one touch.

ON/OFF button for Bluetooth and calls . Long touch to switch ON and start pairing. To switch OFF, long touch again. Short tap to play/pause content. If a call is received, a short tap will answer the call.

With 2 quick taps you can also call the last called contact. During the call, you disconnect the call with 1 tap and with 2 taps you can put the other person on hold and take them off hold too.

You also have the arrows button   which allows you to control the volume of the sound (long touch) and to move forward or backwards through music tracks with one touch.


Speakers and microphone included.
Energy saving: after 45 minutes ON, the mirror lights switch OFF automatically.





Mirror Blue III Sensor

The MirrorBlue III sensor is a Bluetooth system with 6 buttons that allows you to control the lighting, the demister, the bluetooth, decrease/increase the volume and/or control the media and even the clock.

It has a button ON/OFF lighting  with dimmer option.

It has a digital clock button . This clock stays on permanently, even when the lighting is switched off. It is equipped with a self-rechargeable battery, which allows the mirror to remain on stand-by in the event of a power failure. To set the clock, make a long touch on the button to activate the setting mode. Then, press alternately until the correct number is displayed, wait 2 seconds to advance for the next digit and repeat the procedure.

It also has an independent ON/OFF button for the demister  and a bluetooth and calls ON/OFF button . To start the Bluetooth pairing it is necessary to make a long touch and same procedure to disconnect. To answer/off calls and to play/pause the content just make 1 tap.

With 2 quick taps you can call the last contact. During a call, 1 tap disconnects, 2 taps puts the other person on hold and takes him/her off hold.

You also have the arrows button   which allows you to control the volume of the sound (long touch) and forward or backward music tracks (1 tap).

Speakers and microphone included.
Energy saving: after 45 minutes ON, the mirror lights switch OFF automatically.



Mirror Blue IV Sensor (lowcost)

The MirrorBlue IV sensor is a simple Bluetooth system that allows you to control the lighting, the demister and to stream music.

ON/OFF button allows you to switch the lighting and demister with just 1 tap. With a long touch, it allows you to activate Bluetooth.

Pair with your mobile and listen to music.
Energy saving: after 45 minutes ON, the mirror lights switch OFF automatically.



Speakers

Start your day listening to music!
Our mirrors have IP44 speakers that have good sound quality. Furthermore, they are very slim, which allows you to keep a small depth/thickness of the mirror.



Watch & More Sensor

The Watch & More sensor has a touch control panel on the front of the mirror, (clock, illumination and demister).

To control the illumination ☀️, touch ON/OFF and a long touch to adjust the intensity of the illumination.

To control the demister 🌫️, touch ON/OFF.

To set the clock 🕒, make a long touch on the button to activate the setting mode. Then, press alternately until the correct number is displayed, wait 2 seconds to advance for the next digit and repeat the procedure.

When the lighting is switched off, the watch remains on. It is equipped with a rechargeable battery, which allows the mirror to remain on stand-by in the event of a power in the event of a power failure.

Energy saving: after 45 minutes ON, the mirror lights switch OFF automatically.



Watch Basic Sensor

Watch Basic sensor has a clock controlled by an analogue button on the side of the mirror. To set the clock 🕒, make a long press on the button to activate the setting mode. Then, press alternately until the correct number is displayed, wait 2 seconds to advance for the next digit and repeat the procedure.

This clock stays On permanently, even when the lighting is switched off. It is equipped with a self-rechargeable battery, which enables the mirror to remain in stand-by in the event of a power failure.

Energy saving: after 45 minutes ON, the mirror lights switch OFF automatically.



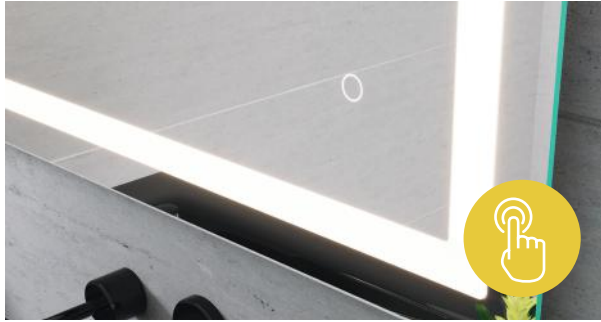
Wave Sensor

Wave sensor is gesture/motion-activated and controls the lighting and the demister.

- Waving hand in front of the sensor Down Up - switches ON the lighting. ▲
- Waving hand in front of the sensor Up - Down - switches OFF the lighting. ▼
- Waving hand in front of the sensor Right-Left - switches ON the demister. ▶
- Waving hand in front of the sensor Left-Right - switches OFF the demister. ◀
- Open hand in front of the sensor - bringing the hand closer to the sensor reduces the intensity of the illumination.
- Open hand in front of the sensor - moving the hand away from the sensor increases the light intensity of the illumination.

For a better understanding of how it works, watch the video below:





Touch Sensor

With a simple touch on the mirror, you can activate the illumination.
 Available in: 240v or 12v this can have dimmer function.
 Besides the lighting, it's also possible to control the demister. Developed for mirrors with a thickness of 4mm. For other thicknesses, it requires an evaluation.
 Energy saving: after 45 minutes on, the mirror illumination is automatically switched off to save energy costs.



Sensor Touch Intensity

Set the lighting of your mirror with just one touch.
 The touch sensor with dimmer allows you to control the intensity of the lighting.
 Use the ON/OFF button to turn ON and OFF the mirror lighting and the demister.
 Long touch to increase or decrease the illumination intensity, hold (+) or (-) according to the intensity level that you want.
 Energy saving: after 45 minutes ON, the mirror lights switch OFF automatically.

Possible settings:



IR Sensor

IR sensor activates the ON/OFF status through your movement.
 According to the type of lighting, the IR is available in 12V or a 240V.
 In addition to the lighting, it is also possible to control the demister. In the case of 12V IR sensors, the demister requires a relay.
 Energy saving: after 45 minutes on, the mirror illumination mirror will automatically switch off to save energy.



Touch Color Sensor

Set the intensity and colour of the illumination.
 Change the intensity and temperature of the illumination using the touch buttons.
 The lighting temperature ranges from cold white (3000K) to warm white (6500K).
 ON/OFF button for lighting and the demister.

Long touch (+) or (-) to increase or decrease the illumination intensity, hold according to the intensity level that you want.
 To adjust the lighting temperature, press and hold the button

Energy saving: after 45 minutes ON, the mirror lights switch OFF automatically.
 Possible settings:



Controller with App and Voice

Using the SmartLife app, you can control the mirror's illumination. Besides the ON/OFF button, the app also allows you to control the light intensity and temperature, as well as the demister. You can also control the illumination through voice, by connecting with an intelligent voice assistant: Google Home, Alexa, etc.



Proximity Sensor

The proximity sensor activates the mirror illumination when it detects movement within approximately 50 cm in front of the mirror. The illumination remains on as long as the user remains at that distance from the mirror. After 60 seconds without detecting movement, the lighting switches off automatically.



MIRROR COMPONENTS FOR A BETTER USE OF YOUR MIRROR



Magnifying mirror with illumination

A classic for any bathroom!
The lighting for the magnifying mirror brings out the best of the details, for perfect make-up or shaving.

The magnifying mirror is also available without illumination.



USB Socket

To have your devices always with full battery, Biselarte mirrors can include a USB socket for charging your electronic devices such as mobile phone, shaver, toothbrush etc.



Shaver Socket

Shaving has never been so easy. Our mirrors have the possibility to include a shaver socket (only for equipments with maximum 20v).



Wireless Charger

Charging your mobile has never been easier!
Our induction charger, allows wireless charging (5w) with a magnet to hold your mobile on the mirror.



Demister

No more fogged up mirrors!
The demister can be fitted in conjunction with the lighting or independently.
The demister size must be adjusted in number and dimension according to the mirror size, it is possible to connect 2 demisters to the same mirror.

Available dimensions:
350x200
350x350
500x300
600x400
Ø 300

Lighting



We use led lighting in our mirrors because besides having greater durability, it provides energy savings up to 70%.

The W (watts) corresponds to the power and informs about the power consumption. Biselarte mirrors are available with led strips in five power levels: 4.8/6.4/7.2 /9.6/10 W/ per meter.

The K (kelvin) corresponds to the colour temperature, the higher the colour temperature, the clearer and bluer the shade of light. Our mirror illumination can have 3 temperatures: 3000/4000/6000 K, with a tolerance of 600K+-.

Different choices, the same elegance!

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FRONTAL ILLUMINATION



FRONTAL AND BACKLIGHTED ON TOP



AMBIENT LED ILLUMINATION TOP AND BOTTOM BACKLIGHT



AMBIENT LED ILLUMINATION ON THE SIDES



BACKLIGHTED ALLROUND LED ILLUMINATION



FRONTAL ALLROUND LED ILLUMINATION



ALLROUND BACKLIGHTED LED ILLUMINATION



SPOT LED



FRAME FINISHES

To make your mirror unique, Biselarte has several finishes you can choose from. From metallic finishes, synthetic leather with different colours, to natural walnut finishes and many others (available under request).

Metallic finishes

Black mate



Black gloss



Titanium



Polished stainless steel



Aluminium



Polished brass



Mate brass

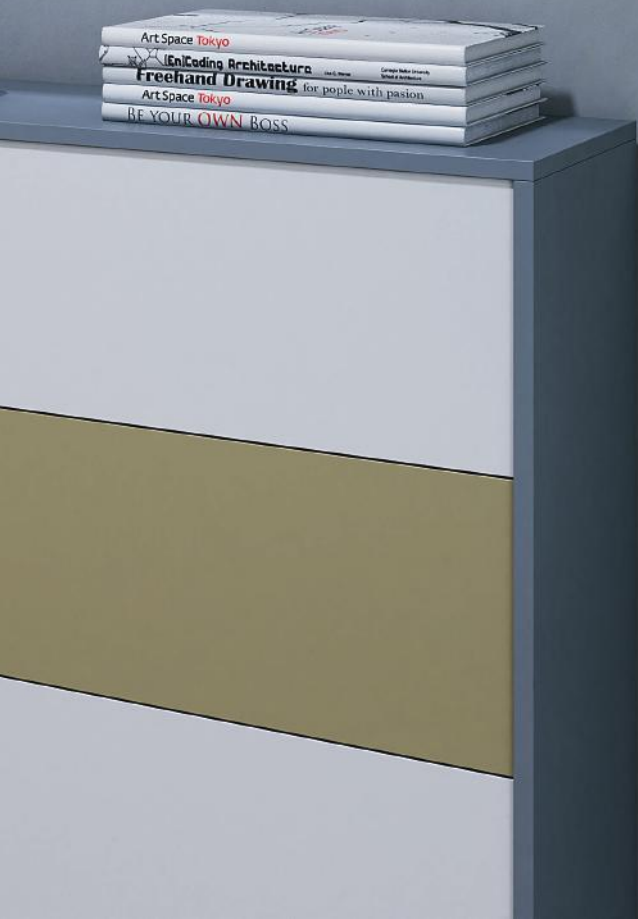


Rose gold

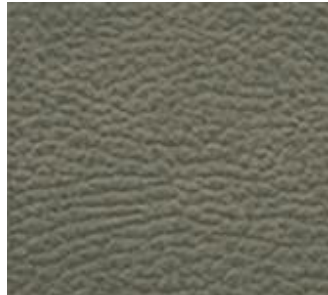


Gold

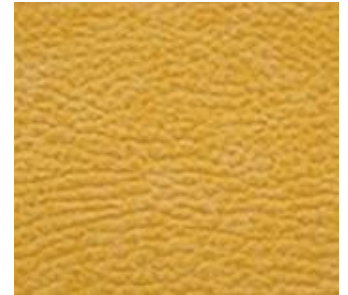




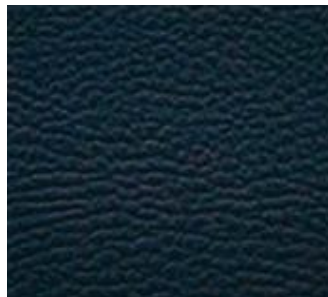
Synthetic Leather Finishes



GREY



YELLOW



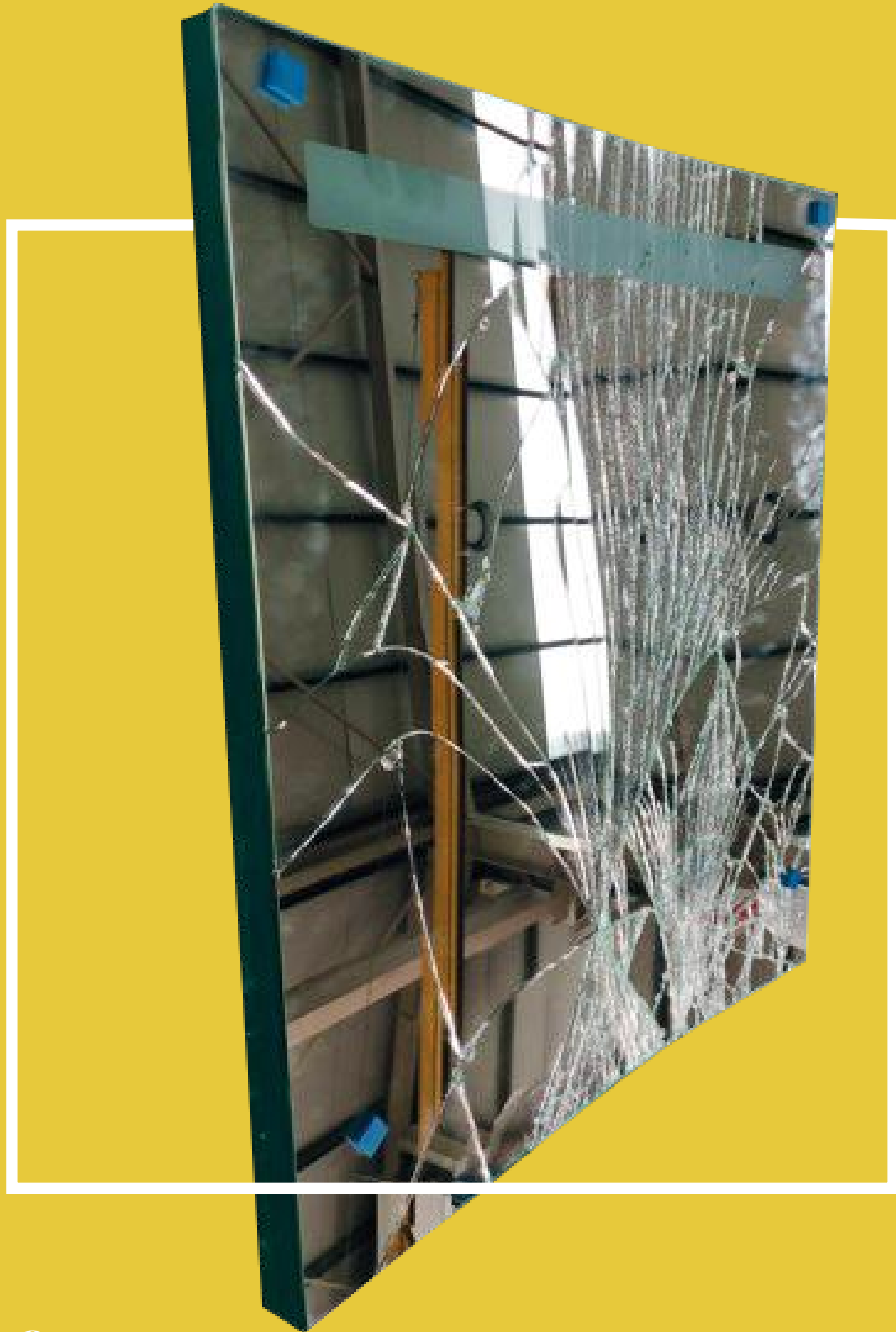
BLUE



GREEN



Natural walnut wood finishes
Other finishes available



Anti breaking film

For safety proposes, it's mandatory to use an anti-breaking film, providing protection to users. In case of breakage, the mirror will remain fixed to the film.

CERTIFICATIONS

Certifications have a high importance in biselarte, besides the legal imposition to improve the quality of processes, products and services.

All our products are certified, ensuring that they meet all the required standards.





IP44

The IP protection index defines the degree of protection and waterproofing against external agents such as humidity or dust. As the mirrors are located in damp areas (bathroom), they need to be protected against humidity. This certification indicates that our product is protected against solid bodies greater than 1mm in size and against projections of water in all directions.



Classe II

Class II indicates that the equipment has a double layer of electrical insulation (main insulation and supplementary insulation). Since mirrors are located in damp areas (bathrooms) and most of them have lighting included, extra protection is required. Thus, this certification indicates that our product is protected against electric shock.



CE

The CE label (European Conformity) indicates that the product is in conformity with the EU directives/ regulations that apply to it, allowing its free movement within the European Economic Area (EEA).



REACH

REACH is an EU regulation concerning the registration, evaluation, authorisation and restriction of chemicals, with the aim of achieving a higher level of environmental and human health protection.



RoHS

RoHS is an EU directive concerning the restriction of the use of hazardous substances in electrical and electronic equipment. This certificate declares that the Biselarte part, materials, components and products do not contain RoHS restricted substances.



EMC

EMC standards and directives (Electromagnetic Compatibility) guarantee that the product is compatible with other electrical equipment. In the case of our products, it guarantees electromagnetic compatibility between the mirror, the LED lighting and other equipment such as the demister, the speakers and the shaving and USB sockets.



ERP

The ERP directive (Energy related Products) ensures that our products are produced under energy efficiency criteria that do not negatively affect their performance, nor cause environmental impacts. In this sense, Biselarte products are efficient and have low energy consumption.



LVD

The LVD (Low Voltage Directive), aims to ensure that the electrical material involved in our products has adequate protection against electrical risks of various types.





biselarte[®]

Zona Industrial de Oiã
Apartado 100
3770-908 Oiã
Aveiro - Portugal

tel.: +351 234 729 620
(call to the Portuguese landline network)
fax: + 351 234 729 621

export@biselarte.com
comercial@biselarte.com
www.biselarte.com

