

# Product information

**boraident® laserbird** – laser with APPs



## Get more out of your semi-finished products!

**WORLD DEBUT:** With the world's first multi-functional manufacturing system **boraident® laserbird**, you can create customized architectural glass goods from standard semi-products commonly available on the market.

The innovative APP system features a range of production processes for structuring coatings and flat glass panels.

## Manufacture customized single products adapted to your market requirements!

By selecting one of the APPs, you can extend your product range and set new trends in your field of the market. Existing time-consuming and cost-intensive steps, such as screen printing, can now be performed faster and cheaper for single items.

The **boraident® laserbird** is flexibly extendable. New APPs can be added later on to enable you to exploit new markets and give you customer advantages.



Adapted to your product requirements, **boraident® laserbird** is available for processing half-width and full-width glass panels.



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## APPs – Examples:

### APP - SCREENPrint

#### Screenless multicolor printing

Decorations are laser-cut into the coating of a painted full-size glass panel. The coating is then back-printed in a different color. The ideal APP for your single-item orders!



### APP - STEPRemove

#### Localized removal of LowE layers and sunshade tinting

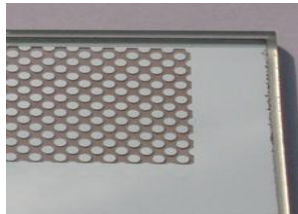
Coatings are removed from the edge of glass panels or around borings to create structural glazing. The surface of the glass is stripped down to the fire-polishing to ensure that your products look good!



### APP - MIRRORFree

#### patterns and frosting on mirrors

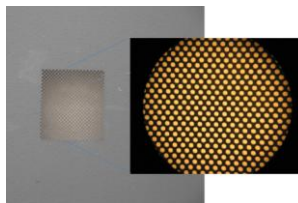
By removing the reflective layer, patterns are generated in mirrors for lights. Depending on requirements, frosted patterns can also be created.



### APP - BORAShade

#### Shading for facade panels

Specially-designed patterns of holes are laser-cut into screen printing plates for individual products. The degree of shading is adjustable.



### APP - LIGHTDecor

#### Decorative patterns on facades

Any desired pattern can be generated on sunshade tinting and then joined up to form a gigantic print on a facade.



### APP - SUNShade

#### Customized sunshade tinting

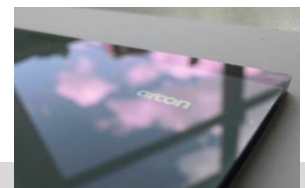
Line grids serve to reduce the amount of sunlight shining into a room, therefore optimizing the interior climate.



### APP - LASERMark

#### Marking functional layers

LowE layers or sunshade tinting are marked with logos or DMC codes.



### APP - ORNILux®

#### The latest generation of bird protection glass

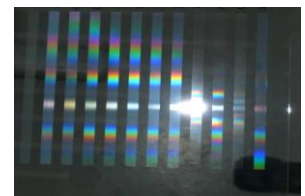
In cooperation with the Glaswerke Arnold company, ORNILUX® has been further developed. It is not just highly effective but also looks good



### APP - RainBow

#### Rainbow structures

LowE layers or sunshade tinting is given a decorative and colorful finish.



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