

SANDUNI, SANDMICRO, SANDART & SANDGRADES

GLASS
DECORATIVE
TECHNIQS **DBI**

SANDS BY DBI

The size of particles that are projected determines the glass finish. From micro-sand to the largest particles of sand (SANDUNI | SANDMICRO), from frosting (SANDART) to grading (SANDGRADES), DBI is an expert in treatment for various uses for incomparable results.

Description

Sandblasting is an operation that dulls the glass surface by projecting sand at high-pressure. During the treatment, abrasive particles attack the glass, making it translucent. The size of sand particles and the material that is used determine the treatment's finished abrasiveness and smoothness.

Use

Sanded glass is used to personalize private or professional areas.

It can be used in many ways:

- doors, windows and partitions;
- shower enclosures;
- furniture, worktops, table or desk tops, closet doors;
- safety markings for glass doors and partitions;
- stair steps, floor tiles (also see anti-slip treatment, CRISTALSTEPS).

Advantages

Personalization

DBI'S sand treatments can be completely personalized, offering numerous possibilities to fit all areas:

- alternating transparent and translucent effects;
- for making logos, designs or patterns of your choice;
- combined with other DBI surface treatments (such as LAKOPAK or LAKTRANS).

Privacy and light

Sanded glass adds privacy to a room, while maintaining natural light.

Range

Sanded glass is only made-to-measure. The following can be made using various processes:

SANDUNI – uniform sandblasting

Sandblasting can be applied to all or part of the surface to be treated. In this case, a text, logo, geometric design or other pattern of your choice can be sandblasted. A catalogue of patterns and designs is available, however customers may also ask for vectorization of their own illustrations.

SANDMICRO – micro-sandblasting

The use of extremely fine particles of sand gives the sandblasted glass an aspect that is close to acid etched glass. It is ideal for dirt-resistant protection on double windowpanes.

SANDART - frosting

By using different abrasives and sandblasting techniques, graded frosting can be applied to specific parts of a design to add texture. This technique is mostly used for sandblast etching figurative designs (birds, reeds, herons, Venus...).

SANDGRADES - grading

Grading can be applied to all or part of the surface, with or without clear etching, beginning with a treatment at 100%, gradually decreasing sandblasting intensity.

Glass media

Sandblasting treatments can be used on most glass media:

- clear and extra clear glass
- tinted glass;

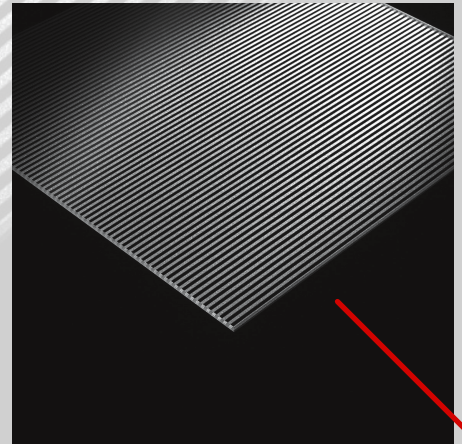
- stamped glass;
- coated glass;
- clear and colored mirrors;
- laminated glass;
- tempered glass.

Dimensions and thicknesses

There is no limit on maximum dimension or thickness for shaped work.

Transformation

Sandblasting treatments can be applied to your choice of glass that has already been shaped, tempered, laminated, curved, assembled in double windowpanes.



When assembled in double windowpanes, the sandblasted side must not be placed on the inside of the double windowpane (side 2 or 3), unless there is no treatment in the rubber seal area. Otherwise, the sandblasted side must be placed on the outside of one of the two panes (exterior applications: no treatment on side 1).