

A close-up photograph of a red surface covered in numerous water droplets of varying sizes. The droplets are in sharp focus, reflecting light and creating a shimmering effect. The background is a deep, vibrant red, which provides a strong contrast for the white text.

ARCHIAX

Living Glass backsplashes
for your kitchen



company

AXUM BOHEMIA is a company established in 2000 in Teplice - a traditional Czech "town of glass". Therefore, it was possible to use the long time experience obtained in the manufacturing of glass, particularly lighting glass, also in the production of fused glass.

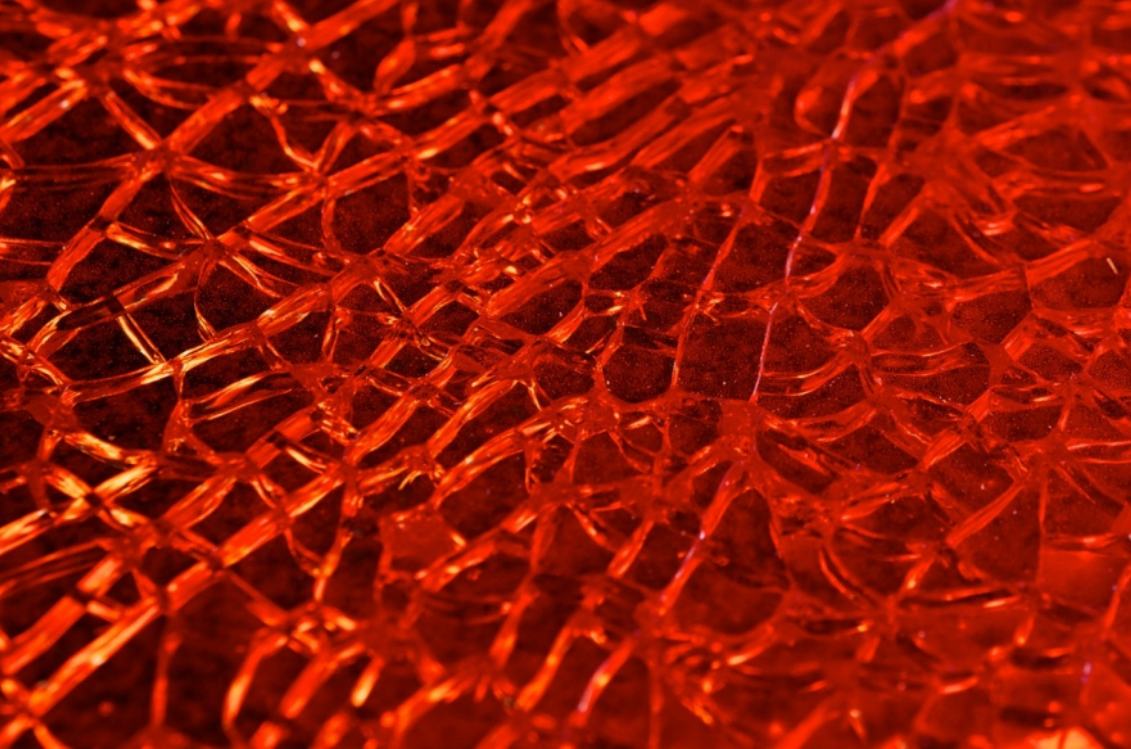
Glass means for us a fascinating material companioning the humankind for thousands of years. A conjunction of three elements - air, earth and fire - vibrating like a water and reflecting the light. Even coming from ancient times, still contemporary, modern and open to new ideas.

manufacturing

ARCHIAX glass is produced in a different way as other decorated – lacquered or printed - glasses. Our manufacturing process is called fusing and means melting of two or more layers of glass by high temperature (800°C) together.

Thus – together with a sophisticated annealing – gives the glass some unique attributes.





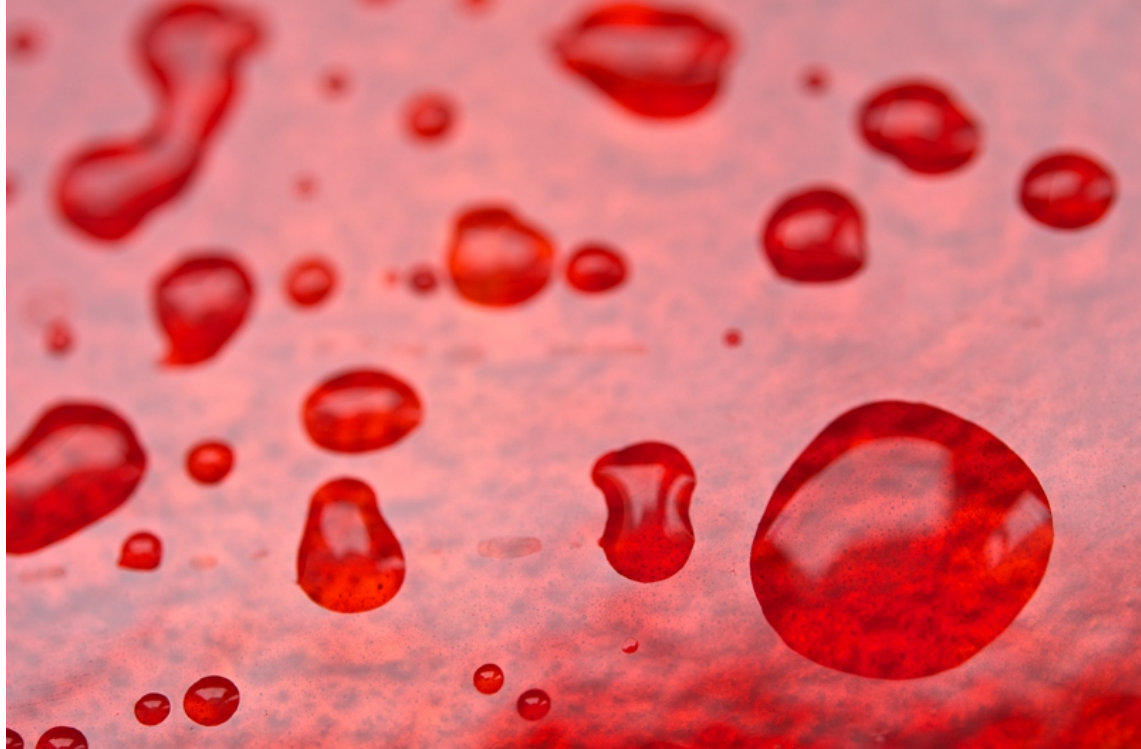
durability

First of them – high durability. Through a long-lasting and accurate cooling phases are our products extremely durable. Just the basic finishing responds to standards of DIN EN 1863 normative for heat strengthened soda lime silicate glass.

The sheet could be even hardened, than the safety responds to DIN EN 12150-1 normative for thermally toughened glass

water resistance

A second aspect is an absolute water resistance. Our colors are waterproof, you cannot wash it off - ideal for kitchens or for a bath. UV resistant - the shade will remain the same for years.





structure

Third point is a fine structure on a bottom of the sheet which gives the glass optical depth and new dimension, same as you look into the deep water.

The glass is than like a glassy surface of a lake – and lives his own life.

soil resistance

Comparing to other glass appliances in kitchen there is a fourth difference – reduced chance for fingerprints or impurities.

Through the wavy and irregular – in microns – surface are these not desired traces of every-day using not prominent.





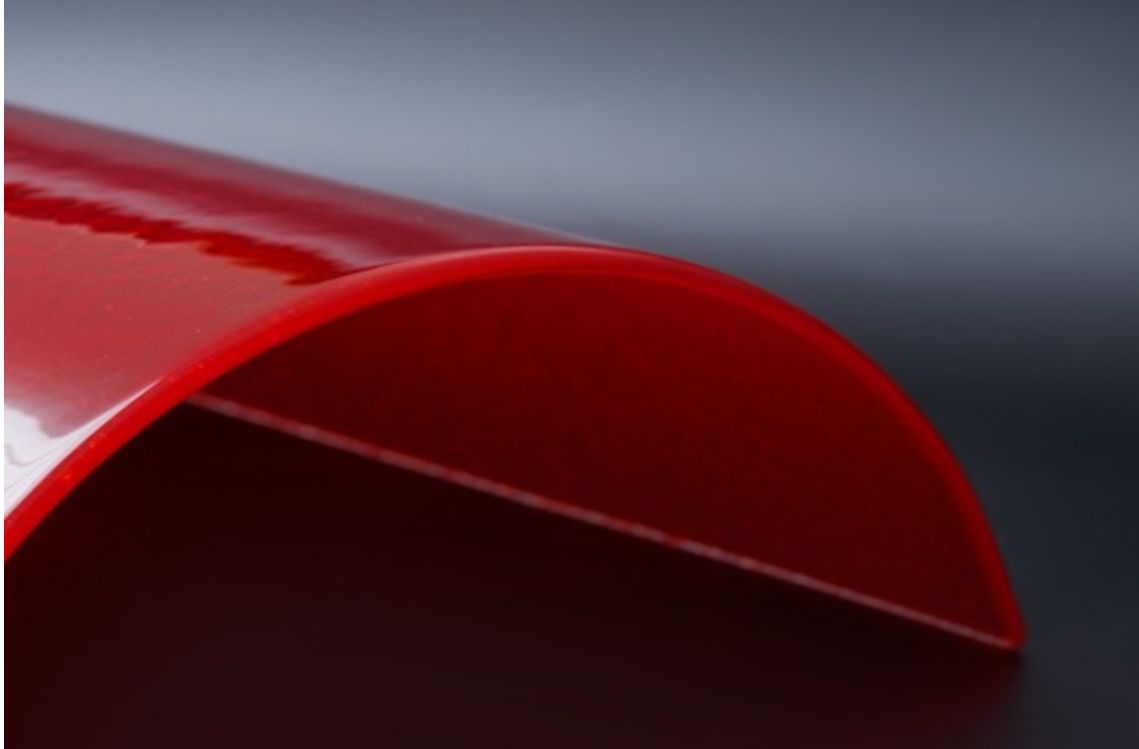
mirroring

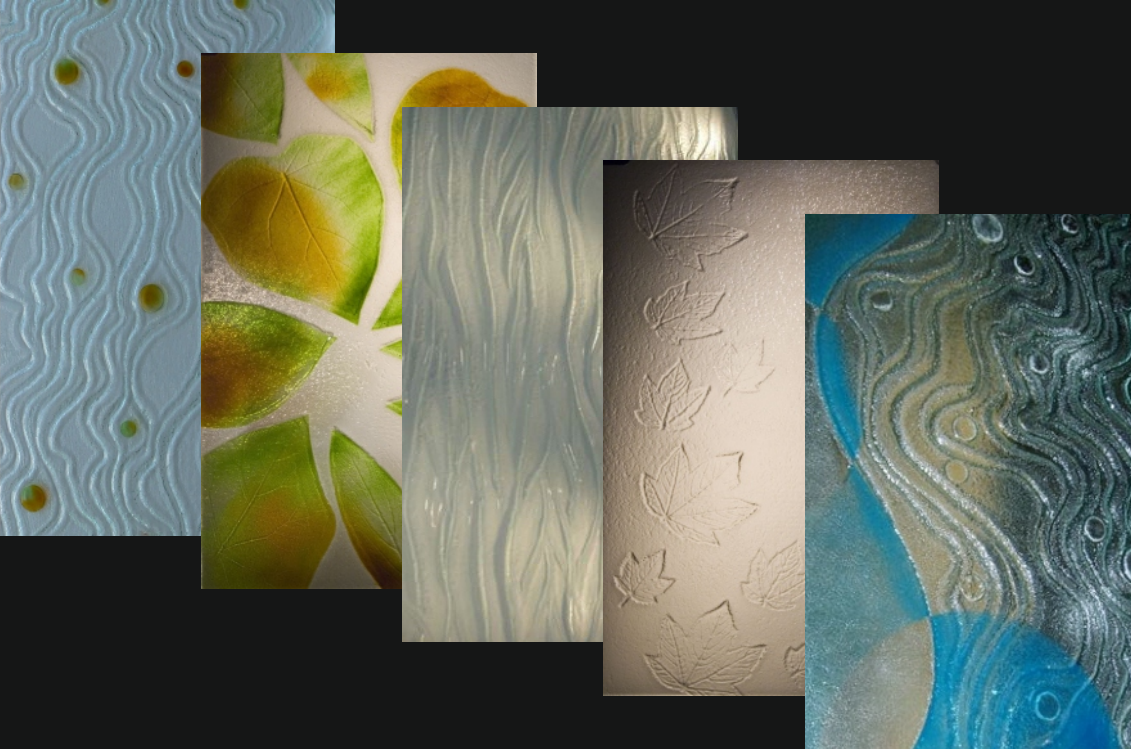
Fifth point – mirroring and reflection is suppressed. The reason is the same - the wavy and irregular surface of the glass block.

bending

Want to get a round corner ? Not a problem – we can bend the sheet. With some restrictions – the glass is only strengthened and cannot be toughened.

Maximum height of such segment could be upto 350 mm, if the radius should be bigger, is the option to split it in segments our answer.





patterns

On bottom side of the sheet we can create almost every natural or geometrical pattern.

This motive could be highlighted on the surface with colors responding to the original.

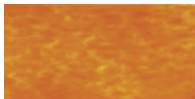
white 32
RAL 9010



canary yellow 40
RAL 1023



orange 49
RAL 2008



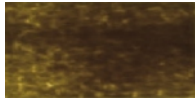
honey 24
RAL 8023



cinnamon 45
RAL 3012



brown 38
RAL 8011



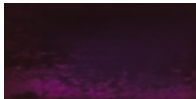
raspberry 46
RAL 3027



fire red 31
RAL 3024



aubergine 35
RAL 4004



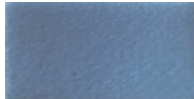
cobalt blue 27
RAL 5002



blue 48
RAL 5015



navy blue 95
RAL 5019



sky blue 91
RAL 5024



aquamarine 44
RAL 5010



tourquoise 30
RAL 5021



grassgreen 28
RAL 6018



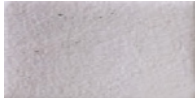
mint 81
RAL 6027



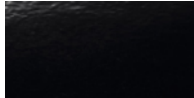
amber 71
RAL 1019



grey 61
RAL 7042



black 65
RAL 9004



colors

There are 20 basic colors which could be combined in layers and density.

Since these are strewed by hand, the color shade could vary.

metallic colors

For interiors we can offer six different shades of metallic colors, these are sprayed on bottom part of the sheet creating exciting 3D effect.

aluminium
RAL 9022



bronze
RAL 2013



polar ice
RAL 9018



pearl grey
RAL 9023

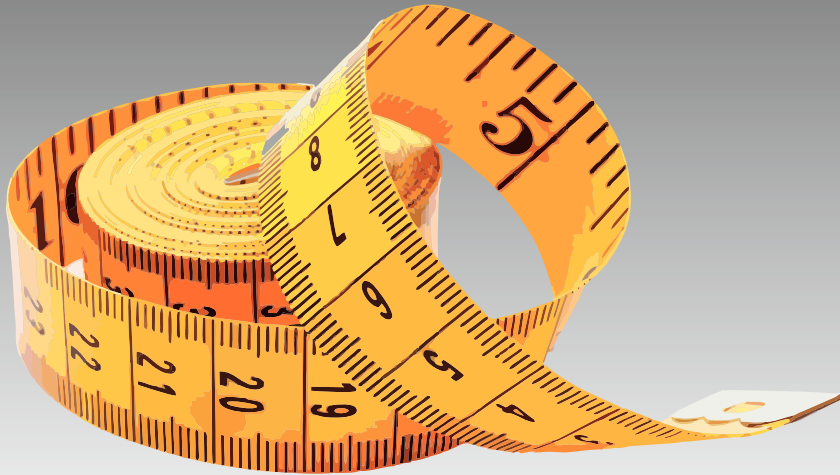


pearl beige
RAL 1035



champagne
RAL 1036





dimensions

Biggest size which could be produced in our factory is 2900 x 1500 mm.

Different glass thicknesses are in offer, starting by 5 mm and up to 12 mm, in special cases up to 19 mm.

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for your kitchen

AXUM Bohemia s.r.o.
Areal KSK - Retenicka 133
CZ-41501 Teplice - Ujezdec
CZECH REPUBLIC
fon +420 417 564 222
mail : info@axumbohemia.com
www.axumbohemia.com