

PRODUCT DATA SHEET

DECORATIVE ELEMENTS MADE OF ARCHITECTURAL CONCRETE COUNTERTOPS, TABLES, FURNITURE, FLOWER POTS AND OTHER ACCESSORIES

DESCRIPTION OF THE PRODUCT:

With Living Concrete (LC) products, we try to show the beauty of concrete and the structure of material used. LC architectural concrete products are made from the natural raw material, and therefore the non-uniform colour as well as uneven colour and pitting distribution on the surface of the product reflect the nature of concrete, testifying to the uniqueness and exceptional qualities of the product. The natural qualities of concrete make each piece of furniture original, unique and exceptional, thus increasing its value.

LC furniture is a product manufactured with expertise and knowledge of our employees, and the use of the latest technologies in the production process. LC architectural concrete is characterized by the high quality of the concrete mix, but also by the key method of production of individual components. LC architectural concrete products are made by hand, with due diligence, in order to achieve the best parameters of the final product.

APPLICATION:

Products made of LC water-repellent architectural concrete are used as landscaping, garden and urban, elements, furniture, countertops, sinks, shower trays, etc. They may be used both in residential and public utility buildings, inside and outside the building. When used outside and in spaces with elevated humidity (bathrooms, bath lounges, SPA, kitchens), previous additional impregnation is recommended.

COLOURS:

LC architectural concrete products are made in the following basic colours:

1. MIST - light gray,
2. TYPHOON - dark gray.

As per individual order, the following colours are also available: white (FROST), anthracite (STORM), yellow (SUN), peppermint (MINT), blue (WATER), light blue (SERENITY), pink (FUCHSIA), light pink (ROSE). We can also stain our concrete in colours similar to the RAL scale.

PRODUCT FEATURES:

LC architectural concrete is a natural material, the surface of which may have voids and pits, distributed irregularly, with different intensity and quantity. LC architectural concrete is characterized by the low water absorption; however, when in contact with water or other liquids, it can absorb water leading to temporary or permanent changes in colour. Despite the fact that LC architectural concrete products are secured by impregnation during production, temporary, local colour changes may occur. A natural feature of LC architectural concrete is a tendency to form colour strips and discoloration (Photos no. 1; 2) due to changes in humidity. In addition, glass fibres, used in the production process, may also become visible (Photos 3).

Photo no.1

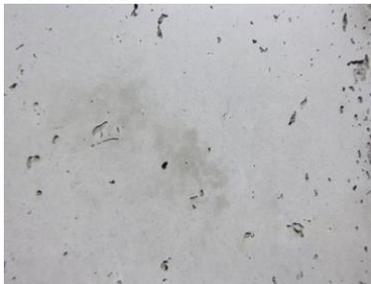


Photo no. 2



Photo no. 3



Moreover, after the installation of concrete components, changes in the tone of colour as well as geometry may occur under the influence of drying. After delivery, countertops and other concrete products should be unpacked and placed at their intended destination. During the first few days, countertops adapt to the humidity prevailing in the room and may vary slightly their colour and the straight line shape.

USAGE AND MAINTENANCE:

For the purpose of proper care and cleaning of LC architectural concrete products, do not use any aggressive cleaning agents or any other chemicals that are reactive to concrete or impregnate. Countertops, tables, furniture and other products made of LC architectural concrete are resistant to high temperatures. Nevertheless, due to the presence of a layer of impregnate, used for protection of concrete products, we discourage you from placing directly on the concrete elements any hot items, such as pans, pots, baking dishes, etc. Prolonged contact with such items could damage the waterproofing layer. Usage of solvents, abrasive agents (powders, creams), non-diluted or concentrated cleaning agents, and in particular colorful ones, is unacceptable. Spots/dirt caused by substances with strong colour, such as tea, coffee, red wine, curry or mustard, must be rinsed with water or wiped with a damp cloth as soon as possible. Do not leave stains to dry, as they may permanently stain the surface. For the purpose of cleaning impregnated concrete products use a mild detergent and rinse with warm water. Do not use any products containing bleaching agents, ammonia or abrasive substances. After washing, wipe the countertop with a dry cloth. If performed regularly, these activities should be sufficient to keep the product clean. Tough stains, caused by hot oil, lemon juice, coffee, tea, juices, etc., should be removed immediately. Defects caused by mechanical damage, e.g. a strong blow with a hard object, resulting in gaps, cracks, scratches or chips may not constitute grounds for complaint. Do not use knives or any other sharp objects directly on the worktop. We recommend using cutting boards.

DIMENSIONAL TOLERANCE:

Dimensional tolerance of architectural concrete products results from the standard conditions for prefabricated concrete (this applies to countertops and other prefabricated elements)

Edgelenlength: $\pm 0.3\%$ of the length

Thickness: $\pm 2\text{mm}$

Straightness of the upper edge of the surface: $< \pm 0.2\%$

The flatness of the upper surface:

For diagonal $< 1500\text{ mm}$ up to $\pm 0.2\%$

For diagonal $> 1500\text{ mm}$: $\pm 0.3\%$

The deviation component perpendicular to the main top: $\pm 3\text{mm}$

STORAGE AND TRANSPORT:

LC architectural concrete products should be stored indoors at a temperature of $5-25\text{ }^\circ\text{C}$.

They should be protected from weather conditions, such as rain or strong sunlight.

Prior to installation, concrete products should be unpacked and left for approx. 48 hours to stabilize the colour. LC architectural concrete products are packed for shipment in packaging made of wood and wood-based panels and additionally protected against damage.