



## Aura Luxpro Mosaik

Decorative silicone plaster mosaics

Mosaik M10 – «grain» 1,0 mm

Mosaik M15 – «grain» 1,5 mm

- ✓ Natural stone
- ✓ For facades insulated with mineral wool and foamed polystyrene
- ✓ Protects the surface from getting wet
- ✓ High vapor permeability



48 hours

24 months

### Product description

#### Properties

Ready-to-use decorative plaster mosaic of natural stone modified with silicone.

- ✓ Acrylic modified with silicone resins with natural stone filler.
- ✓ Ready-to-use.
- ✓ Easily applied and structured, has good adhesion to the substrate.
- ✓ Conceals small defects on the substrate, covers small cracks.
- ✓ The coating has excellent resistance to climatic influences and aggressive industrial air pollution.
- ✓ Elastic, with weak tension, resistant to deformation, cracking and impact loads.
- ✓ High vapor permeability and water repellency of the coating, due to the presence of silicone in plaster mosaics.
- ✓ The presence of effective biocidal additives provides additional surface protection against algae, mold and fungus.
- ✓ Wide range of colored filler stones in light, medium and dark natural stone tones.
- ✓ The product does not contain solvents and does not emit any harmful substances.
- ✓ No unpleasant odor.
- ✓ For interior and exterior.
- ✓ Ecologic.
- ✓ The maximum permissible VOC (volatile organic compounds) content according to European Union Directive 2004/42/EC for the product (subgroup A/1) is 30 g/l. The maximum VOC content of the product is <math><18\text{ g/l}</math>.
- ✓ Adhesion to the substrate  $\geq 0.5\text{ MPa}$ .
- ✓ According to EN 1062-1: W2 - low water permeability ( $<0.2\text{ kg/(m}^2\text{h}^{0.5})$ );
- ✓ According to EN 1062-1: V1 - high vapor permeability ( $S_d < 0.14\text{ m}$ ).

CLASSIFICATION ACCORDING TO EN 1062-1.

Mosaik M10 - EN 1062-1 E5 | S3 | V1 | W2 | A0 | C0.

Mosaik M15 - EN 1062-1 E5 | S4 | V1 | W2 | A0 | C0.

#### Typical use

Mosaic decorative plaster for creating structural finishes on facade surfaces with high durability requirements. Recommended for facade thermal insulation systems ("wet" insulation) based on mineral wool and foamed polystyrene. It is well suited for surfaces exposed to frequent precipitation

	(e.g. plinths). Recommended for use in industrial areas, seaside areas, areas with high levels of precipitation. It is used indoors on surfaces subjected to high operational mechanical load (walls of staircases and platforms, halls, etc.). Not intended for horizontal surfaces exposed to water.
Substrate types	Mineral substrates: concrete, light concrete, plaster, masonry, facade thermal insulation systems ("wet" insulation) based on mineral wool and foamed polystyrene, etc. Gypsum board, chipboard, fiberboard, plywood.
Quality standards	VOC (volatile organic compounds) content complies with European Union Directive 2004/42/EC .
Technical specifications	
Surface preparation	<p>Fresh cement (and lime) surfaces should be cured for at least one month before treatment. The substrate must be flat, dry and firm. "Eaves", peeling, wallpaper, dirt of various kinds, fragile crumbling areas and substances that reduce the adhesion of mosaic plaster to the substrate (dust, fats, lubricating oils, etc.), carefully remove. Areas affected by mold or moss should be mechanically cleaned and treated with an anti-mold agent (BIOTOL or Antiskimmel). Treat metal substrates with an anti-corrosion primer.</p> <p>Fill irregularities with appropriate filler. Mosaic decorative plaster is not a material for surface leveling. For qualitative (uniform and with the recommended consumption) application of mosaic plaster, the surface should not have height differences of more than 2 mm at 2 meters. Measurement of the surface plane should be carried out with a template (or rule) of 2 meters length. Treat surfaces with penetrating primer: for exterior works - Aquastop Facade, for interior works - Aquastop Expert or Aquastop Professional.</p> <p>Before applying the mosaic plaster the surface must be treated with adhesion primer with quartz filler: for exterior works - Aura Dekor Silikon Grund, for interior works - Aura Dekor Grund. Adhesion primer with quartz filler should be tinted in the main color of the filler (colored stone) of the mosaic plaster. Adhesion primer creates a homogeneous optical effect (due to the presence of colored pigments), increases the adhesion of mosaic plaster to the base (by creating a strong rough structural surface with a fine pattern), significantly reduces the cost and facilitates the process of application and formation of the structure of mosaic plaster. Recommended colors for tinting the adhesion primer are indicated in the Sample Catalogs for Aura Luxpro Mosaik M10 and Aura Luxpro Mosaik M15.</p>
Applying	<p>Mix the plaster to a homogeneous state without whipping (with a drill at low speed). <b>Attention!</b> Do not add water. Excess water can make the plaster impossible to use!</p> <p>Using a stainless steel trowel, apply the plaster to the substrate in an upward direction. Within 10 minutes, smooth the mosaic plaster with a stainless steel trowel or grater, forming an even, homogeneous surface without skips, until a uniform layer with a thickness of 1.5 grains is achieved. When smoothing mosaic plaster of light colors (with the content of "white" filler <math>\geq 50\%</math>) trowel the surface in the same place no more than 4 times to avoid the formation of dark spots in these places. It is obligatory to check the plane of the applied "wet" layer of mosaic plaster visually at an acute angle (5-15 degrees) to the surface. The unevenness detected on the plane should be immediately leveled with a grater.</p> <p>Do not apply mosaic plaster with an overrun - a layer of more than 3 grain sizes of the filler, as it is possible that the plaster will faint (crawl away). During the work it is necessary to clean the grater from the material residues as often as possible and throw them into the waste.</p> <p>To apply mosaic plaster over a large area, use the same tool, the same method and layer - in order to avoid differences in the "pattern" as well as the visual effect of different color shades (the presence of "spots") on different parts of the surface. Due to the use of natural stone fillers in the plaster, slight variations in color tone are possible, so on adjacent surfaces and when processing large areas it is necessary to use plaster mosaic from the same batch or mix in advance in one container a sufficient amount of material from different batches. The plaster should be applied wet-on-wet on adjacent surfaces. Work on one plane should be carried out continuously from corner to corner of the room or building, or within architectural elements. If it is necessary to take an unscheduled break, apply painter's tape along the finishing line, which should be removed immediately with the plaster residue after it has been applied and leveled.</p> <p>During the application the temperature of air, material and substrate should be from +10 ° C to +30 ° C, relative humidity 65±5%. Plaster should not be applied under direct sunlight, during rain, fog, strong wind. Freshly applied plaster should be protected from rain, negative temperatures, excessive drying (e.g. from direct sunlight) for 48 hours with special barriers made of film, mesh or foil.</p> <p><b>Attention!</b> The coating acquires its final color after drying.</p>
Color	Colors according to the Sample Catalog for Aura Luxpro Mosaik M10 and Aura Luxpro Mosaik M15.
Consumption	<p>For dark and "medium" mosaic colors: Mosaik M10 - from 2 kg/m<sup>2</sup>, Mosaik M15 - from 3.5 kg/m<sup>2</sup>. For light colors (with "white" filler <math>\geq 50\%</math>) of mosaic: Mosaik M10 - from 3 kg/m<sup>2</sup>, Mosaik M15 - from 4 kg/m<sup>2</sup>.</p> <p>The consumption depends on the skill of the plasterer, the unevenness of the substrate and the desired thickness of the coating. For a more accurate calculation it is recommended to make a test application.</p>

Drying time	At temperature +20 °C and relative air humidity 65% resistance to atmospheric precipitation after 48 hours, complete drying within 2-3 days. At lower temperatures and high air humidity, drying time increases.
Working tools	Stainless steel spatula and trowel.
Cleaning of tools	Rinse with water immediately after use. Dried plaster can be cleaned mechanically.
Composition	Polymer acrylic dispersion, silicone, mineral fillers, functional additives, water. VOC for this product (cat. A/1): <30 g/l (g/l). This product contains max 18 g/l (g/l) VOC. This product contains CMIT/MIT.
Additional information	
Frost-resistance	Do not freeze during storage.
Warranty shelf life	24 months from the date on the package.
Storage conditions	Store and transport in tightly closed, undamaged original packaging at temperatures from +5 °C to +35 °C. Do not expose to freezing and direct sunlight.
Safety precautions	Follow the general rules of occupational hygiene when working. Work in a ventilated room, in working clothes and gloves. Keep out of reach of children. In case of contact with eyes, rinse with water, if necessary, consult a doctor. The material is fire and explosion-proof.
Disposal	Dried plaster residues are to be disposed of as household waste, plastic containers are to be collected for recycling or disposed of as household waste.
Package	15 kg
<p>The above currently relevant information in the Technical Description is based on our practical experience and our laboratory testing of the products and is presented to the best of our knowledge. The information provided can be used as recommendations for the selection of products and working methods for their application. The manufacturer guarantees the conformity of the products with the specified technical characteristics only if the rules of transportation, storage, preparation, application, operation, which are given in this Technical Description, are followed. It is not possible for the manufacturer to foresee and control all the conditions of use of the product and the various factors that affect its application and future use. Taking into account the variety of surface materials and specific conditions of the objects where the products are used, the Consumer must carefully check the products for their suitability for the specific object, taking into account all possible conditions of use not specified in this Technical Description. The provided information does not release the Customer from the responsibility for the quality of work performance. In case of non-compliance of the Consumer with the requirements of the Technical Description (operating instructions), use of the product not for its intended purpose, the Manufacturer shall not be legally liable for possible damage caused to the Consumer. The Manufacturer, based on new knowledge about the product, reserves the right to make changes to the Technical Description in accordance with the established procedure. The text of the new edition of the Technical Description shall be posted by the Manufacturer on the website <a href="http://www.eskaro.ua">www.eskaro.ua</a>, indicating the date of introduction and the number of the new edition of the Technical Description. When a new edition of this Technical Description is issued, the previous edition becomes invalid and is removed by the Manufacturer from the website. Additional information can be obtained from the Manufacturer's representative or at <a href="http://www.eskaro.ua">www.eskaro.ua</a>.</p>	
Revision of Technical Description No. 03 dated 26.07.2021.	