MULTITOP VERTICAL®
Cement-polymer decorative wall layer

PRODUCT DESCRIPTION
MULTITOP® VERTICAL is a mineral layer for making wall facings imitating stone, wood, brick etc. It contains hard aggregate, high-performance cements and proper admixtures and pigments. When applied on the foundation, it creates a coloured, long-lasting, very hard and smooth surface which may be modelled and in which shapes may be impressed.

USE
Making of decorative, impressed wall facings indoors on concrete foundations and light construction materials such as: gravelite blocks, gas concrete blocks, structural clay tiles, foundations from expanded polystyrene etc. and outdoors only on non-absorbable foundations.

PRODUCT CHARACTERISTICS
- To be used indoors and outdoors
- Numerous possibilities of impressing and forming
- Simple, one-time application
- Rich palette of colours
- Easy to keep clean
- To be used in wet and damp rooms
- Very good adhesion to the foundation
- Steam permeability

PREPARATION OF THE FOUNDATION
The foundation must be stable, strong, clean, dry, free from impurities and layers that are loosely bound with the foundation or decrease binding (grease, glues, bitumens, dust, remains of paints and mortars, anti-adhesion agents etc.). All larger defects, joints, installation slots etc. must be filled with cement/lime mortar. Apply glue on the foundation and submerge it in net, for example from glass fibre. After no less than 12 hours apply bonding layer BAUBOND in accordance with the technical sheet of the product and apply wall layer MULTITOP VERTICAL with the wet-on-wet method.

APPLICATION CONDITIONS
The temperature of the ambient and foundation during the works and for the next 7 days should be between +5°C and +25°C. The surface made should be protected from losing water too quickly as a result of, for example, high temperatures, draught, sunlight operation etc. In order to ensure high quality and uniform colour, all works should be performed with suitable tools in an area protected from dust, EPS balls and similar impurities.

PREPARATION OF MORTAR
Mix MULTITOP VERTICAL with water in mixers or using an electric stirrer (or also a slow-speed drill with a mixer) – to about 6.75 l of clean water add 30 kg (a bag) of dry mixture and mix for at least 2-3 minutes until a homogenous mass with no lumps is obtained. It is not permitted to “improve” the product by adding sand, cement etc. Permitted are slight colour modifications (max. 2% of the weight of MULTITOP VERTICAL).

APPLICATION
Apply MULTITOP VERTICAL in a single layer, using the wet-to-wet method. Thickness of the layer performed in this manner should be 10-20 mm. Level the thrown mortar and level out using a long float. If a thicker layer has to be applied, another layer 10-20 mm thick may be applied on the first one which is slightly hardened but still wet.
After partial hardening spray liquid separator on the surface and impress the needed pattern. In places where the foundation material changes (e.g. concrete-brick) and on unstable foundations it is necessary to use reinforcement net from glass fibre, tinned spot-welded steel net (eye 20 x 20 mm, Ø 1 mm) or ceramic net.
In all convex corners of the walls and window/door openings it is recommended to use reinforcement net or curved corners. On large areas expansion joints should be used. Fresh stains from the mortar wash with water, hardened ones remove mechanically.
Impressed, hardened surface may be additionally dyed with proper liquid dyes BAUTINT. Impregnate the made surface with BAUSEAL ENDURO.

HEALTH AND SAFETY PRECAUTION
The mixture contains cement - mixed with water gives an alkaline reaction. Avoid breathing, protect eyes and skin. In case of contaminations: clean eyes with plenty of water, wash skin with soap and water. Working areas should be ventilated. Keep away from the children.

MISCELLANEOUS INFORMATION
All the information herein refers to products stored and used according to our recommendations, has been presented in good faith and takes into account the current state of knowledge and experience of BAUTECH. You are obliged to use the product in accordance with its intended purpose and BAUTECH’s recommendations. All the technical information provided is based on laboratory tests and trials. Out-of-laboratory tests may give different results due to the conditions, location, manner of application and other circumstances that are out of BAUTECH’s control. Any different recommendations issued by our employees must be made in writing; otherwise, they shall be deemed null and void. These instructions replace all the previous ones and make them void.
The surface of the made floor may have differences in the shade and appearance, depending on the conditions and manner of performing works, drying conditions etc. This is not a defect of the product and does not influence the technical parameters and functional properties of the floor. Colour diversification of the floor may also result from non-homogenous concrete foundation.

PACKAGING
30 kg bags, pallet 35 x 30 kg = 1050 kg

STORAGE
6 months from the date on the packaging, if stored in original, tightly closed packaging, in ventilated rooms, at the temperature between 5°C and 25°C.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire rating</td>
<td>A1</td>
</tr>
<tr>
<td>Capillary absorption</td>
<td>W0</td>
</tr>
<tr>
<td>Vapour permeability ratio</td>
<td>max.20 μ</td>
</tr>
<tr>
<td>Adhesion</td>
<td>min.1.0 N/mm²</td>
</tr>
<tr>
<td>Adhesion after 15 freezing cycles</td>
<td>min.1.0 N/mm²</td>
</tr>
<tr>
<td>Appplying temperature</td>
<td>od +5°C do +25°C</td>
</tr>
</tbody>
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*At the temperature of +20°C and relative air humidity of 65%:
Higher temperature and lower humidity shorten, while lower temperature and higher humidity increase the specified time.

MAINTENANCE AND CLEANING OF THE SURFACE
The surface of the wall shall be cleaned with water using non-aggressive detergents.

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