

## PRODUCT DATA SHEET

### ARTIS VISIO - WALL FLOOR SLABS

Flat plates made of architectural concrete for applications as a wall cladding, internal walls and external / facade panel /, floor panels, boards of other applications as cladding, cladding stairs and walls, window sills, terrace tiles.

Architectural concrete slabs are manufactured in accordance with the GRC standard, from a concrete mix, in composition of which includes cement binder, aggregate, GRC glass fibers, plasticizers and other refiners mats and glass meshes and accessories. Depending on the specificity of the product.

The production process uses self-compacting technology or spray technologies

#### PRODUCT FEATURES

##### Colors

Products are produced as standard in 5 coloring:

- white - a product based on white cement and selected quartz sand.
- light gray - a product made from a mixture of gray and white cement, giving a bright gray effect.
- gray - with the addition of pigment which gives the product a bit darker than the natural one and more decisive in the sense of gray
- anthracite - a product containing higher admixtures of black paint, which gives the strongest color in our collection. This color is characterized by a rich game of shades and tones in the given range.
- black - with the largest addition of black pigment, which gives a strong, deep color with a uniform surface.
- Vintage, the material does not have a specific color scale, and surface forms and effects, the pictures are illustrative, the material undergoes aging or aging.
- Rusty is a multi-stage technology of applying iron oxides to the surface of the material and its stabilization. The color scheme is a rust-colored surface with possible streaks, unevenness, and variable shades. It is possible to show the structure and color of concrete to varying degrees.

#### ATTENTION!

For the production of elements, natural ingredients are used, characterized by high color variability, as well as individual elements of production series and this is a natural symptom for the material and is its desirable feature, deliberately uncorrected by the manufacturer. Making a purchase is tantamount to accepting the color discrepancies in the given range, in one production series, in one order. It should also be noted that it is not possible to output the color to a small extent beyond the given scale, which should be accepted as a result of natural processes of material creation and drying. The surface of the material may also contain small inclusions of other color-cements, fine pale or white points, clusters. All streaks, discolorations, stains, efflorescence are an aesthetic and natural element, uncontrolled in the production process, building the character of the material. Each batch of the product differs in shade. On the surface can also be noted clusters and sockets of fiberglass. In the Vintage collections, the scale and range of colors and discolorations are not specified. The photographic materials presented on the website are illustrative and may differ from the product due to the specificity of the material, but also due to the conditions of taken photographs and calibration of the computer

##### Porosity and surface finish

Concentric, regular shapes, irregular, ragged surface voids, can appear on the elements in a completely different way. Technological fibers may also appear on the surface of the product. Pores, crampons and voids can also appear on the corners and edges of the material. The manufacturer offers products in the types of intensity of these voids:

"Smooth" boards - with a smooth surface, with a small amount of mainly concentric voids present, the total amount of pore surface does not exceed 3% of the panel surface.

"Lightly porous" and "porous" boards of varying intensity and number of air voids, mainly jagged and irregular, the size of which often exceeds 2-10 mm, as well as concentric voids and pits. The manner of occurrence of voids, places of concentration, quantity and variety are completely natural for the material and accidental.

ATTENTION! Within one batch - material delivery, there are elements with different intensity of emptiness.

Pores, crampons and voids can also appear on the corners and edges of the material.

The buyer acknowledges that such features are natural to the material and desirable, they are not a basis for complaint or withdrawal from purchase.

You can order samples.

ATTENTION!!! Samples may differ from the final ordered material by the color, porosity, nature and smoothness of the surface, according to the information contained in the product sheet.

## PRODUCT DIMENSIONS

a) The manufacturer proposes multidimensional versions made in the same material technology, so that you can freely and effectively choose the material for the needs of the arrangement. Basic dimensions of wall panels (dimensions in cm), 250/100, 120/60, 110/40, 60/60 cm, commercial thickness 4-6 mm, 10-11 mm, 18 mm and other non-standard elements defined individually in dimensions. Normative error for elements with a thickness below 40 mm is + -2 mm. The manufacturer offers custom custom elements with individually selected sizes. Custom-made products, in addition to the changed dimensions, have the same characteristics as the standard ones, in terms of physical characteristics, tolerances and dimensional deviations and technical parameters, unless they are specified and set individually.

b) the edges of the tiles are made at right angles, which means that in the material a slightly porous and porous vacuum can occur at the edges and corners of the elements, breaking their sharpness. Cutting the material causes that the cutting surface is different from the surface and shows the composition of the board.

## TECHNICAL DATA

The technical parameters were examined by the Research Center for Buildings 'LABUD' Jan Mroczko

- The strength class is not less than C25 / C35
- Flexural strength not less than 6 Mpa
- Frost resistance F 150
- Water absorption of untreated material on average <6.5%
- Resistance to abrasion: Class 4i
- Reaction to fire: Class A1
- The materials have a CE conformity certificate. The product does not contain asbestos.

## NORMATIVE TOLERANCES OF SHEET DIMENSIONS

- by standards PN-EN-14992 + A1: 2012
- by standards PN-EN-206-1: 2003 / A2: 2006
- by standards PN-EN 13369: 2005 / A1: 2006
- according to PN-EN 13748 - 2: 2006 / Ap1: 2006
- Deviations of real dimensions:
- Edge length + - 0.3%
- Plate thickness + - 2 mm on thickness <40 mm
- The straightness of the upper edge of the surface: the measurement should not exceed + - 0.3%
- The length of the given edge + - 0.3% for the edge length > 1500 mm
- Flatness of the upper surface up to + - 0.3% of diagonal length <1500 mm, + - 0.5% for edge length > 1500 mm
- Thermal expansion by 0.3% in the temperature range from -30 to + 70 ° C
- Cracks and scratches occur sporadically

## CERTIFICATIONS PN / CE

PN-EN 14992 + A1: 2012 - Precast concrete products. Wall elements.

PN-EN 13748 - 2: 2006 / Ap1: 2006 - Terrazzo tiles. Part 2. Plates for external applications.

Tests type LBMB-01/04/2015 -CUBPB-Labud / CNRE.

Certificate of conformity - declaration PŁ -OK-1/2015-CNRE-P8

DWU applies to individualized products - individual Declaration of Performance

## PACKAGING, TRANSPORTATION, PRODUCT STORAGE

All products / boards / are packed for shipment on pallets or, if necessary, on extended and secured pallets, the material is transported in a horizontal position, secured in the form of a housing and secured with foil. Shipments are delivered by external or own transport. Shipments are insured. The forwarder always evaluates the packaging method before loading and confirms its correctness. In the case of damage to the shipment, the basis of the complaint is the destruction report prepared together with the courier. Failure to report the defect and provide such a protocol is tantamount to refusal to accept the product complaint, and the delivery of a new product takes place again at the cost of the orderer.

The product should be stored in a horizontal position, in dry rooms, on a dry surface in the temperature from +5 to +25 degrees Celsius. Tables before assembly should be unpacked 3 days in advance to the assembly date. It is forbidden to store discs on damp surfaces or in direct contact with them.

**ATTENTION!**

Move, maneuver in a vertical position!

Inadequate storage in a vertical or inclined position, exposure to moisture, contact of the material with a damp substrate, may lead to instability or durability / depending on the length and intensity of the agent's action on the material / deformation of the linear / arcuate product /. The above is not subject to complaint !!!

## SEALING AND TREATMENT

Recommended for the correct application of the board is the impregnation of the surface of the boards, generally available concrete impregnating agents. Plates required for impregnation are used as wall linings for wet rooms, floors, kitchen aprons, fireplace enclosures, facades. When using elements in damp rooms and on floors, a connection between the panels is also required. Before grouting, the material should be impregnated so that the grout does not stain the material. The choice of impregnating agents should, however, be checked for changes in the color and gloss of the boards' surface after impregnation, which changes can be made with impregnation. The applied impregnations should be verified in terms of properties and method of operation, so that they take into account all conditions of use. The manufacturer of boards does not give any warranty for defects resulting from the impregnation and durability of impregnants. Consumption and degree of surface protection in accordance with the recommendations of the impregnation manufacturers.

The producer makes impregnation, hydrophobia or oil resistance on request, in accordance with the recommendations of the impregnation manufacturers. The product warranty does not cover the guarantee for impregnating agents. The buyer acknowledges that the impregnation of the product does not ensure complete protection of the product against contamination and dirt, therefore care should be taken to remove all staining factors on a regular basis.

Material processing in the assembly process: we use the same material processing methods as for hard tile processing. Cutting should be performed with a saw with full discs intended for stone or hard tiles, it is possible to perform cutting using the wet cutting method. It should be remembered that before impregnating boards, water should not remain on the surface. After cutting, the plate should be dried, wiping with an absorbent cloth. In the impregnated material, the cutting surfaces should be impregnated again after cutting. The holes should be drilled without the use of a hammer, on the material supported over the entire surface.

## MONTAGE

Before assembly, unpack the items and leave 3 days to stabilize the color.

Therefore, for each of these methods, which apply to devices and services, you should: stick !!!

Any possible inequalities, post-production residues of the side edges, contacts should be cleaned, guaranteeing even adhesion. The fiber, formed on the edges of the boards and technological parts, strengthens the gluing process and should not be removed. Claims regarding the next permission for their glue to dry on their surface. It is not possible to replace, scratch or cut it does not work mechanically or physically. Each deformed material connects, scratches, cracks, results from assembly leaves, contraction and scratches of documents or other and is not the basis for complaints.

**GUARANTEE DURATION / WARRANTY**

**THE PRODUCT GUARANTEE CONDITIONS**

<p>ARTIS VISIO, VOGLIO product warranty Purchase document No. .... from .....</p>	
<p>ATTENTION THIS WARRANTY CARD IS VALID ONLY WITH A PURCHASE DOCUMENT THE PURCHASE OF THE PRODUCT IS THE ACCEPTANCE OF THE GUARANTEE TERMS</p>	
<p>GUARANTEE DURATION</p>	<p>producent udziela gwarancji na produkt na okres 1 rok od dnia zakupu</p>
<p>WARRANTY RIGHTS</p>	<p>użytkownika muszą być realizowane za pośrednictwem producenta produktu CNRE sp. z o.o. Krakowska 60 43-300 Bielsko Biała</p>
<p>PRODUCT SPECIFICATION</p>	<ul style="list-style-type: none"> <li>• Architectural concrete is a material in nature showing the existence of voids and pits irregular, with varying amounts and intensities.</li> <li>• the natural feature is its color variability, streaks, discoloration</li> <li>• the aesthetic feature of this material is its variability, the variety of the void distribution</li> <li>• the natural feature of the material is its absorbability, which causes that, under the influence of contact with water and other liquids, it changes temporarily or permanently color - in order to fix the color it is necessary to use impregnating agents for concrete, epoxy varnishes. All information is provided by the manufacturer</li> <li>• the natural feature of the material is its absorbability, which causes that under the influence of contact with water and excessive moisture/storage in moist rooms or incompatible with the storage conditions! / material can be deformed linear and color changes, which changes can be irreversible.</li> <li>• the material, when placed on the surface, can change the color tone due to dry</li> <li>• to protect the material against uncontrolled stain, it should be stored in dry conditions at temperatures not lower than 5 degrees Celsius before impregnating the material.</li> <li>• all additional activities and material processing, type of grinding, polishing, applying layers of varnishes, waxes, impregnants, can change the color and character of the surface, which is not a disadvantage of the product.</li> </ul>
<p>WARRANTS DOES NOT INCLUDE</p>	<ul style="list-style-type: none"> <li>• the consequences of assembly not in accordance with the assembly instructions</li> <li>• effects of mounting on a substrate prepared not in accordance with the manufacturer's instructions or unsuitable for assembly, assembly on substrates of insufficient carrying capacity.</li> <li>• the effects of assembly - linear deformations resulting from a faulty, incompatible assembly, in particular, the omission of priming the material with primers - dedicated by the glue producers, cutting off the access of moisture from adhesive mortars.</li> <li>• mechanical damage caused during transport (if they have not been reported to the forwarder and the complaint protocol has not been written down)</li> <li>• consequences of user or editor's error, as well as random and atmospheric events</li> <li>• discoloration and stiffening created on the material unprotected impregnation for concrete in accordance with the manufacturer's recommendations</li> <li>• fine shrinkage and stress cracks, microcracks not causing disintegration of the material.</li> </ul>

	<ul style="list-style-type: none"> <li>• aesthetic effects resulting from the "material specificity"</li> <li>• the effects of material storage under the direct influence of changing weather conditions or storage of material under conditions of high humidity, affecting color variability, linear variation - deformation, or in conditions inconsistent with the manufacturer's recommendations</li> <li>• the warranty does not cover assembly work, costs incurred in connection with the purchase and assembly, any other effects.</li> <li>• the warranty does not cover product defects of impregnates</li> <li>• the warranty does not cover stains and discoloration resulting from negligence in care of the element or dirt with elements not covered by the agents used for impregnation-hydrophobization and oil-fusion</li> <li>• the warranty does not cover stains and discoloration resulting from negligence in the care of the element or dirt with elements covered by the action of the agents used for impregnation-hydrophobization and oil-phobication</li> <li>• visible defects, not reported to the manufacturer before using and assembling the product</li> <li>• DEROGATIONS DIMENSIONAL not evidenced and undeclared PRODUCER BEFORE ASSEMBLY AND WITHIN 7 DAYS FROM RECEIPT OF THE PRODUCT RESULTING FROM IMPROPER STORAGE, OR FOUND AFTER ASSEMBLY COMPONENTS ARE THE RESULT OF ERRORS STORAGE AND ERROR ASSEMBLY AND WILL NOT BE CONSIDERED AS A DEFECT IN THE PRODUCT, ANY CLAIM THIS TITLE SHOULD BE DIRECTED TO THE INSTALLATION MONITOR!</li> </ul>
THE WARRANTY INCLUDES	<ul style="list-style-type: none"> <li>• dimensional inconsistencies with specifications given, except for non-compliance of dimensions due to assembly errors, storage errors</li> <li>• Axial dimensions inconsistency with the exception of non-conformity of dimensions due to assembly errors, storage errors</li> <li>• discrepancies in the linear edge of materials, except for non-conformity of dimensions due to assembly errors, storage errors.</li> <li>• transport damage provided that the damage report is submitted in accordance with the requirements of the complaint process, after its positive consideration by the carrier / not applicable to own collection /</li> </ul>
WARUNKI REALIZACJI ŚWIADCZEŃ GWARANCYJNYCH	<ul style="list-style-type: none"> <li>• a properly completed warranty, along with documentation of the defect reported</li> <li>• possession of proof of purchase</li> <li>• assembly in accordance with the instructions and specified materials - possession of proof of purchase required by the assembly instructions, including glue and dedicated plate primer.</li> <li>• adaptation of the substrate in accordance with the guidelines</li> <li>• the warranty covers the material, the warranty does not cover the costs of auxiliary materials, assembly materials, assembly costs and other costs incurred, assembly costs and costs of removal</li> <li>• strict adherence to the manufacturer's instructions regarding use, maintenance, storage and assembly</li> </ul>
GUARANTEE APPLICATION	<ul style="list-style-type: none"> <li>• the user is obliged to report detected defects within 14 days from the date of their creation.</li> <li>• the user is required to report minor and visible defects before use and assembly.</li> <li>• within 30 days from the date of launching the warranty procedure, the guarantor will inform the user about the method and date of making a "repair" or refusal to accept warranty claims in the cases specified above</li> </ul>

Report of warranty claim / complaint

Date of purchase ..... Date of reporting the defect ... ..	The proof of purchase ..... / attach a copy /
Applicant ... .. tel ..... e-mail.....	Description of the fault: / description of the defect should include: specification of the number of items to be advertised, specification of the reason for complaint of individual elements along with confirmation of the photographic mat of the defective complaint - if it is a defect, defect visible, in the case of a transport damage complaint a copy of the protocol written with the supplier / delivery company / courier /  .....  .....  .....  .....  .....  .....  .....  .....  .....  .....  .....  .....  .....  .....  .....

