

pleyers. porbits® synthetic color granules system product



Product description:

micro-tiling-system® high performance / UV-stable / cooling effect / anti-slip
pleyers. porbits® synthetic are used as a scratch-resistant and easy-to-clean surface (with head sealing pleyers. WB800 transparent) used on screed primed with porfil.® PLUS X, concrete, recommended leveling compounds or on self-leveling coating systems (e.g. polyurethane, epoxy resin...). The porviva® system is used outdoors especially for the anti-slip and cooling effect. The weathering and UV stability is greatly improved.

Fields of application and information:

pleyers. porbits® synthetic are used as porviva® system in exterior and interior areas, for floors, walls, furniture, ceilings, wet rooms, underground garages, industrial floors, pools (for pools execution only by porviva® gmbh). The weathering and UV stability is greatly improved. Due to the high mechanical resistance, the pleyers. porbits® synthetic are characterized by high abrasion resistance and fire resistance. The material is easy to clean. Heavy soiling can be removed by suitable choice of solvent. Depending on the use, pleyers. porbits® synthetic are resistant to fresh, sea and waste water, but also to mineral oils, greases, benzines, diluted acids (\geq pH4) and alkalis and salt solutions (please refer to the resistance lists, special tests can be carried out on request). Please observe the porviva® cleaning and care instructions. In combination with porfil.® PLUS X, the pleyers. porbits® synthetic can be used on young (green) concrete surfaces as a waterproofing against any backside moisture penetration, also pressurized water load.

More information:

package size in kg:	25,00 kg (size XS + S); 20,00 kg (size M)
particle sizes:	size XS, S, M
packaging type:	in protective bag - outer packaging carton
good/ hazardous goods:	Not a dangerous good in the sense of the transport regulations (ADR/ RID, IMDG-Code, ICAO-TI/IATA-DGR).
VOC- content:	ppm < 400
palleting:	800 kg per pallet (size XS + S) 640 kg per pallet (size M)
storability:	Well-closed and unmixed containers must be stored in a dry and air-conditioned place in the temperature range from 15 up to 23 °C. Avoid direct sunlight and storage temperatures below the specified limits. The material is at risk of frost!
shelf life:	shelf life approx. 24 months if stored correctly in unopened original containers. There is no guarantee of shelf life for opened containers. The material should be used immediately after opening.
Others:	Delivery only to commercial/industrial processors.

following product information can be required by E-Mail or phone:

- product information
- safety data sheets
- porviva® cleaning and maintenance instruction
- porviva® references
- porviva® synthetic color palette / RAL color chart / NCS color chart

PRODUCT VARIANTS:

- PORVIVA-COLORS
- RAL-COLORS
- NCS-COLORS

AREAS OF APPLICATION:

- AIRPORTS
- INDUSTRIAL FLOORING
- COMMERCIAL PREMISES
- OFFICE SPACE
- PRIVATE HOUSING
- PARKING DECKS, UNDERGROUND PARKING LOTS ETC.
- WATER AND LEISURE PARKS

SUBFLOORS:

- CONCRETE
- SCREED
- CEMENTITIOUS FILLERS
- WOOD
- METAL

PROPERTIES:

- ANTI-SLIP EFFECT
- COOLING EFFECT
- NATURAL DESIGN
- INFINITE DESIGN POSSIBILITIES
- SOLVENT FREE
- LONG LASTING
- UV-STABLE
- EASY TO CLEAN
- EASY TO REPAIR

PORVIVA GMBH

Adamsmuehle 1
52146 Wuerselen
(Germany)

fon: +49 (2407) 568 303-0
fax: +49 (2407) 568 303-30

www.porviva.com
office@porviva.com

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players. porbits®

synthetic color granules system product

consumption:

ca. 1,80 kg/ m² in 2 working steps

product properties:

- + permanent sealant (with porfil.®PLUS X resistant to pressurised water)
- + robust surface
- + improves the mechanical properties of concrete surfaces (abrasion resistance, tensile strength)
- + steam brake, CO₂-diffusion brake (with porfil.®PLUS X),
- + high chemical resistance (oil, grease, kerosene, etc.),
- + prevents penetration of chlorides etc. (with porfil.®PLUS X),
- + easy-to-clean surface,
- + easy-to-repair system,
- + UV resistant,
- + simple and quick application,
- + cooling effect / low surface temperature for sun exposed areas (porbits synthetic) special for sun decks,
- + anti-slip surface,
- + very high fire resistance (B1-certification even on wood),
- + tested product according to german guidelines and standards for repair & protection of concrete,
- + Solvent-free and very low emission,
- + certified by LEED,
- + certified by DGNB12 and DGNB15

Cleaning:

The cleaning recommendation can be found in the current **porviva®** cleaning- and maintenance instruction.

Others:

Delivery only to commercial or industrial processors trained and certified by us for the system. Please always request the current **porviva®** processing guidelines for processing.

Minimum purchase quantities:

Special color:

- size XS, S = 175,00 kg per Color shade
size M = 160,00 kg per Color shade

Standard color:

- size XS,S = 25,00 kg per Color shade
size M = 20,00 kg per Color shade

porviva standard colors:



SY.0007.
Black grey
ca. RAL 7021



SY.0008.
Pure white
ca. RAL 9010



SY.0009.
Platinum grey
ca. RAL 7036



SY.0011.
Brick red
ca. NCS S 4040-Y80R



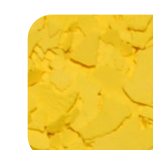
SY.0012.
Ultramarine blue
ca. RAL 5002



SY.0013.
Pigeon blue
ca. RAL 5014



SY.0014.
Turquoise blue
ca. RAL 5018



SY.0015.
Traffic yellow
ca. RAL 1023

players. porbits®

synthetic color granules

system product

porviva® synthetic system structure:

products & consumptions (follow exact working instructions). Depending on the field of application, the working steps, consumptions and grinding processes may deviate from the specifications!

1. **porfil.® PLUS X Primer** (under the levelling compound on Screed or Concrete)
one coat, application and curing time according to the Technical Data sheet. Consumption will vary according to the surface texture and porosity, but should be in the range of 0,15 - 0,50 kg/m².
2. **porfil.® PLUS X Primer** (on top of the levelling compound)
one coat, application and curing time according to the Technical Data sheet. Consumption will vary according to the surface texture and porosity, but should be in the range of 0,15 - 0,60 kg/m².
3. **players. porbits® synthetic particles** (Size: XS, S, M)
two coats, according to the Technical Data sheet.
consumption 1. coat ca. 1 x 0,90 kg/ m²
consumption 2. coat ca. 1 x 0,90 kg/ m²
4. **players. WB 800 transparent** (matt or gloss)
intermediate sealing and Top Sealing
two coats, application and curing time according to the Technical Data sheet
consumption 1. coat ca. 1 x 0,25 kg/ m²
(consumption 2. coat ca. 1 x 0,15 kg/ m²)

Technical Data**

(**These data are given best to our knowledge and can not be used as a specification)

1. Binder	acrylic bonded minerals
2. coloring	pure natural pigments (completely dyed)
3. colors	colors upon request
4. variety of colors	porviva® colors, RAL-colors und NCS colors are possible
5. density (DIN 53217)	2,0 - 2,5 g/cm³
6. size	XS, S, M
7. appearance	semi-matt
8. cleaning	depending on the type of application
9. VOC-content	ppm < 400
10. Cd-content	ppm 0,1 - 4
11. Pb-content	ppm 3 - 10
12. solid content	100 %
13. shelf life	under correct storage conditions at least 24 months
14. storage	closed, dry, cool, frost-free, no sunlight

The above information, in particular the suggestions for processing and use of this product, are based on our knowledge and experience under normal circumstances. However, they remain non-binding. Due to the different materials, substrates and deviating working conditions, a warranty of a work result or a liability, from whatever legal relationship, can neither be justified from these instructions, nor from a verbal consultation, unless we are charged with intent or gross negligence in this respect. In this respect, the user must prove that he has provided us in writing with all the knowledge required for a proper and promising assessment in good time and in full. Industrial property rights of third parties are to be observed. In all other respects, our respective terms and conditions of sale and delivery shall apply. The latest technical data sheet shall apply and should be requested from us by phone: +49 (2407) 568 303-0 or by e-mail: office@porviva.com.