

Description:

PAVITAIS PI consists of a two component epoxy product to be mixed at the moment to be used. It forms a self-levelling pavement with up to 0.3 mm thickness that has great resistance to traffic and attrition. It ensures the formation of epoxy mortars using ARCUAIS quartz aggregates.

Uses:

It is used for continuous pavement in the food industry in general (refrigerators, fish markets, bakeries, warehouses, slaughterhouses, canned food Industry, milk industry, etc). Also used in laboratories, chemical plants, supermarkets, warehouses, etc. In exteriors it may suffer discoloration, which does not influence the performance of the pavement; it can be suitable to apply a coat of POLIURETANO 80/20 of the same color to protect it.

Features & benefits:

EXCELLENT MECHANICAL AND CHEMICAL RESISTANCE *
HYGIENE IS ENSURED.* GREAT ADHERENCE TO THE
SUPPORT.* HIGH DURABILITY.*

Surface preparation:

The background of application must be clean, free of grease, oil, saltpeter, cracks and fissures, by being smooth, compact and dry.

Clean up:

Clean using our solvent DISOLVENTE EPOXI.

Application

- Homogenize separately the contents of each package.
- Mix both components manually or with a low-revolution electric mixer (400 - 500 rpm).
- Adding of quartz aggregates will depend on the type of floor that will perform the proper aggregates must be added. In the case of self-levelling floors are used Self-levelling Load which provides a selection of aggregates suitable for this application. Generally the performance is 2 kg of aggregates per 1 kg of resin for 1 sqm of flooring. In case of multi-layer floorings, apply a first layer similar to self-levelling flooring and while it is wet ARCUAIS 0,2-0,8 mm quartz aggregates must be added removing the wasted aggregates the next day. After that a layer of PAVITAIS PI must be applied by roller or rubber trowel.
- Multi-layer flooring may have more layers in which case the adding, the vacuuming and the final sealing with PAVITAIS PI resin.
- The application as a mortar is done adding into the resin a charge of ARCUAIS 0,2-0,8 in proportion of 1:5 to 1:7 load on weight relation. With this paste apply the flooring between profile tracks with the required thickness for the flooring, spread it and smooth in order to achieve a smooth surface. Finally, once it is dry (at least 12 hours) seal it with a layer of PAVITAIS PI by roller or rubber-trowel.
- Make the mixture into small quantities (5kg), because the open time of the mixture does not exceed 20 to 30 minutes.
- Concrete surfaces shall be prepared by mechanical means, blasting, sanding or scarifying before the application of the product in

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of its useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is no possible to establish a warranty with this document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



PROFESSIONAL CONSTRUCTIVE SOLUTIONS

©TEAIS S.A. - All rights reserved - Avda. da Enerxía, nº 153, Pol. Ind. de Sabón - 15143 Arteixo, A Coruña
Telf.: 981 602 111 - Fax: 981 601 508 - Email: comex@teais.es

Technical features:

% Solid content in weight	0 mg (CS 10/1000/1000) (8 days,23°C) (TABER/DIN 53109)
Adherence	1.5 N/mm2 (concrete)
Colour/s	grey, red and green,etc.
Compressive resistance	62 N/mm2 (28 days,20°C) (EN 196-1)
Density	component "A": 1.45 Kg/L (±) 0.01 at 20 ° C component "B": 1.05 Kg/L (±) 0.05 at 20 °C.
Flexural strength resistance	32 N/mm2 (28 days,20°C) (EN 196-1)
Mix proportion	in weight 80,97A/19,03B
Resistance to heat	Permanent until 50°C, sporadic until 80°C
Solid content	> 94% (+/- 2%)
Temperature of work	10 to 30°C
Viscosity	component "A": 8.000 ± 500 mPa.s component "B": 23 +/- 8 s at 20°C

Coverage:

2.5 to 3 m2 per kg in 300 micron coating.

order to obtain a open-pore surface and slightly texturized.

- The concrete substrate must be compact and have a minimum mechanical strength: compression > 25 N/mm²; strength > 1.5 N/mm²

- The substrate moisture must be less or equal to 4%, if it is not the case or if the pavement has any vapor barrier, a layer of DUREPOX

AUTONIVELANTE should be applied in a thickness of 2 mm, to avoid problems related with humidity on the epoxy floor.

- If it is necessary to heat the room for the application, it should not be made with fossil fuel heaters, they can adversely affect the finish of the pavement. If the flooring doesn't have vapour barrier can produce buckling on flooring consequently a DUREPOX AUTONIVELANTE layer of 2 mm must be applied before the resin.

- The temperature of the application and the support must be between 10 and 30 °C and 75% of R.H.

- The supports close to the ground must be free of rising-damp.

- If it is necessary to heat the premise for the application don't use heaters that work with fossil fuel due can affect to flooring finishing. It must be done by electrical elements.

- The enabling of using the floor depends on the temperature. When it is 20 ° the floor can be use to support the traffic of people, in 3 days light transit. With low temperatures requires more time and with higher temperatures could be used in less time but is not suitable to do before 24 hours in any case.

Packaging:

Available in packs of:

4 Kilos

21 Kilos

Tranparent

4 Kilos

20 Kilos

Storage:

It is recommended to store this product for 1 year in its tightly closed original packages.

Health and safety advice:

Consult the safety information on the label on each package, and for more information refer to the product Material Safety Data Sheet.

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of its useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is no possible to establish a warranty with this document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



PROFESSIONAL CONSTRUCTIVE SOLUTIONS

©TEAIS S.A. - All rights reserved - Avda. da Enerxía, nº 153, Pol. Ind. de Sabón - 15143 Arteixo, A Coruña

Telf.: 981 602 111 - Fax: 981 601 508 - Email: comex@teais.es