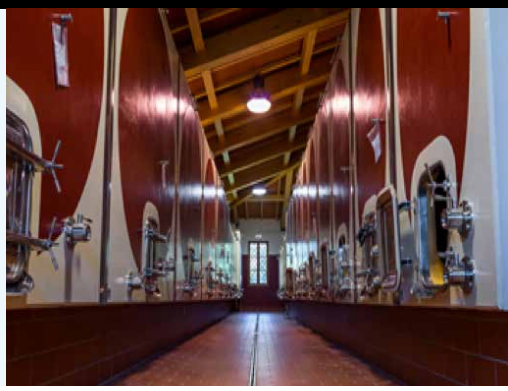
Pavex-WS Flexible

100% solid epoxy coating high chemical resistance



Description

- The **Pavex WS flexible** is a coating based on 100% solid epoxy resin with great chemical resistance, it is used for the protection of steel and concrete subjected to the most severe chemical attacks.

Characteristics

• Color	Brown
• Specific weight of the mixture	1,30 – 1,40 g./cm3
• Drying (20ºC) without stickiness	<15 hours
• Complete cure times at 25ºC	±7 days
• Complete cure times at 10ºC	±12 days
• Complete cure times at 5ºC	±10 days
• Por life of mix (5-20 kg)	±1 hour
• Proportion of the mixture by weight	77 parts Comp. base
• Proportion of the mixture by weight	77 parts Corp. hardener
• Solid content	100%

Applications

- Widely used in the interior protection of tanks destined to the storage of different chemical products in general; aqueous solutions (acidic and basic), a large part of aromatic and aliphatic solvents, gasoline, petroleum, crude...
- Resists current unleaded gasoline.
- It is also used for the protection of concrete floors subjected to frequent spills and splashes of all kinds of aggressive chemical agents;
- Electroplating workshops, cellulose, dairy, wine, petrochemical industries and in general on all types of soils, both new and old.
- Due to its good wetting power on fiberglass, it is used successfully for the interior lining of tanks.
- Presents a good cure, even at low temperatures, also good resistance to carbonation.
- It is a Non-corrosive and Non-CMR product (non-carcinogenic,
- Non-Mutagenic or Toxic for reproduction) in accordance with the European Directives.

Technical data

Surface preparation:

- **STEEL:** It will be shot-blasted to Sa 2 1/2 or Sa 3 (UNE-EN ISO 8501-1), with roughness RZ 70-100 micrometers and primed with a shop primer if dehumidifiers are not used.
  CONCRETE: To obtain the best results, it is necessary that the concrete present:
  - A strong and firm surface.
  - It is dry, free of grease and other materials.
  - Be completely set.

  As a preparation system on concrete, dry or wet blasting or abrasive blasting is recommended, making sure in the latter case that the surface is completely dry before applying.

Product application

- The first operation consists of the homogeneous mixture of the two components, which are presented in stoichiometric proportions.
- It is important to note that as soon as the catalyst is mixed with the base resin, the chemical reaction between the two compo-nents begins, so it must be prepared immediately before its application.
- Stir the Base Component "A" using a mechanical stirrer, simultaneously, pour the content of the Hardener Component "B" over the Base Component "A", carefully mix the two components in the stoichiometric supply proportions and homogenize both with the help of the mechanical stirrer.
- The pot life is 1 hour. The application of the product is carried out with special two-component spraying equipment, or high compression airless equipment, brush or roller spreading on concrete or steel, so that there is enough quantity left to form a continuous film of the desired thickness.
- Do not make partial mixtures, but total ones according to the form of supply. To clean utensils, use **Epoxy Thinner**.

Application conditions

• Ambient temperature	Minimum 10ºC
• Substrate temperature *In any case, the temperature of the substrate must be at least 3º C above the dew point.*	Minimum 7ºC
• Relative humidity	Maximum 80%

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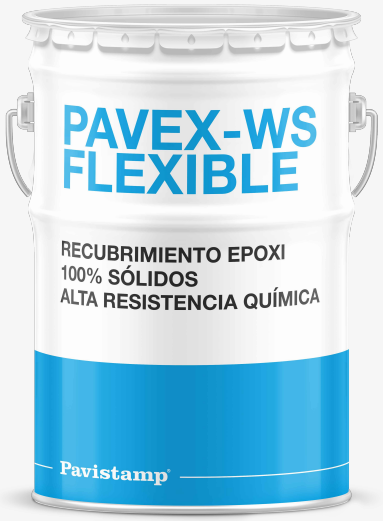
Resistance table

PRODUCT	RESULT	DIVE
• Distilled water	Unaltered	2 years
• Drinking water	Unaltered	2 years
• Sea water	Unaltered	2 years
• Xylene	Unaltered	2 years
• White spirit	Unaltered	2 years
• Gasoline	Unaltered	2 years
• Caustic soda	Unaltered	1 year
• Acid sulfuric 10%	Unaltered	1 year
• Ammonia 5%	Unaltered	6 months
• Ammonia 20%	Unaltered	6 months
• Phosphoric acid	Unaltered	6 months
• Flaxseed fatty acids	Unaltered	6 months
• Crude oil	Unaltered	6 months

Complies with INTA164402A standard



Consumption

1 Kg. of **PAVEX WS flexible** covers ± 2 m² for a thickness of 300 - 350 microns DFT.

Conservation

Store in closed original container between 5 - 30° C

⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.