

TECHNICAL DATA SHEET

SYNTHETIC SEAL-FIX

PRDV06054



PRODUCT AND COMPANY IDENTIFICATION

Product name:	SYNTHETIC SEAL-FIX
Uses:	Synthetic bituminous mortar.
Supplier:	FIXER PAVIMENTOS TECNICOS, S.L. P.I. "La Muntanya" Parcelas 44 y 45 46293 - Beneixida (Valencia) Tel: +34 96 297 66 30 administracion@fixer.es
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Description

SYNTHETIC SEAL-FIX is a synthetic pseudo-levelling slurry with a wide range of colours and a pasty consistency, composed mainly of a mixture of synthetic resin emulsions, selected aggregates and pigments.

The product has a good handling and homogeneous aspect, it is easy to apply and has a good adherence to the support.

Applications

- Sports tracks, recreational areas and ecological routes.
- Shoulders, medians and islets
- Bicycle lanes, walks and sidewalks.
- Sealing of asphalt agglomerates.

Advantages

- Continuous system. Adapts easily to the deformations of the pavement.
- Non-slip.
- Not toxic or flammable.
- Good adhesion to previously prepared asphalt and concrete surfaces.
- Good abrasion resistance.
- Waterproof.

Application

- Clean the surface on which the product is to be applied, achieving a cohesive, clean, dust-free and damp-free surface.
- Prime the surface to be treated properly, allowing it to dry completely (approximately 24 hours). If the substrate is a newly executed hot mix asphalt, no priming is required.
- Homogenize the product before application by lightly kneading it.
- Spread in thin uniform layers with a rubber harrow or any other suitable element, allowing each layer to dry completely before applying the next (approximately 24 hours), depending on the degree of humidity and the ambient temperature.
- Never add water directly to **SYNTHETIC SEAL-FIX** as it would lose its cohesive properties.

Consumption:

Approximately 1.5 kg/m² per layer. We recommend applying at least two coats. It may be used in a single coat when we use the black colour product, anti-bituminous sealant treatments, or when it serves as a support for other finishing products. The drying time (in thin layer of 1.5 kg/m²) can be 4 to 5 hours at +25 °C.

Note: these consumptions and times are theoretical and depend on the environmental conditions and the porosity of the support.

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Precautions

- It is advisable to apply the product at temperatures between 10-30°C, also avoiding its use under adverse weather conditions.
- Do not apply in rainy weather, frost or with imminent forecast of any of the two atmospheric phenomena mentioned.
- When applying **SYNTHETIC SEAL-FIX** indoors it is convenient to have good ventilation that favours a correct curing.
- When the substrate to be treated is hydraulic concrete, it must be analyzed beforehand to avoid adhesion problems due to excessive polishing, weathering, humidity, etc.
- In the case of polished concretes, it is advisable to sandblast the surface beforehand.
- In the case of high substrate temperatures, a light and homogeneous wetting of the substrate is recommended, prior to the extension of the **SYNTHETIC SEAL-FIX**.
- Paving in layers of high thickness (>2 mm) is not recommended as it could lead to poor curing of the product.
- If further protection of the **SYNTHETIC SEAL-FIX** floor is desired, it can be finished by applying two coats of sealing paint. The first coat will be 300 g/m² of primer diluted in water at 50% and the second coat also 300 g/m² of the same product without dilution, allowing a minimum of 12 hours between coats to dry.
- Working utensils may be cleaned with water before the product dries; afterwards cleaning may only be carried out with any industrial solvent.

Technical properties

- Density at 20° C..... 1.6 – 1.8 g/cm³
- Viscosity at 20° C..... > 30 poises (Brookfield RVT, spindle nº 6, 100 r.p.m.)
- Dry Taber abrasion..... < 0.20 g (1000 cycles, 1000 g, CS 17)
- Wet Taber abrasion..... < 8.00 g (100 cycles, 100 g, CS 17)
- NLT-320 abrasion..... < 250 g/m²

Colour chart

Available colours: red, yellow, green, grey, black, blue.

Packaging and storage

SYNTHETIC SEAL-FIX is supplied in 45 kg plastic buckets. This packaging is environmentally friendly and non-reusable.

Containers must be kept outdoors so that they are protected from both frost and strong exposure to the sun. In addition, the storage temperature should not be less than 5°C, as this may affect the quality of the product.

The maximum recommended storage time is 12 months from the date of manufacture, in its original containers, well closed and not deteriorated.

LEGAL NOTICE

This information, and in particular the recommendations regarding the application and final use of the product, are based on Fixer's experience and knowledge, when the product has been applied and handled within the limits described in the current data sheet. If the environmental conditions of temperature and humidity, or the support conditions change, they may lead to differences in the data indicated in this technical sheet. For this reason, it is not deductible of the information of the present document, of any other written recommendation, or of any offered advice, any guarantee or obligation outside of any legal relation that could exist. Customers and users must know and use the latest and updated version of the Product Data Sheets, a copy of which will be sent to anyone who requests them.