

PRODUCT NATURE

Two-component epoxy resin in aqueous dispersion, anti-dust and surface consolidant, formulated at the WINKLER Research & Development laboratories.

FIELD OF USE

WINFIX FISSATIVO is suitable for surface consolidation, even in the presence of wet substrates, concrete, screeds, cement substrates and for uneven masonry mortars, before the application of flooring, epoxy and epoxy-polyurethane coatings and liquid membranes of the WINKLER range.

It offers excellent mechanical characteristics, hardness, abrasion resistance and water vapour permeability.

SURFACE PREPARATION:

Preparation of the substrate is essential so the substrate to be treated must be free from surface free water and free from any pollutants, must be consistent and must have a tear resistance of at least 1.5MPa. In any case, it is necessary to prepare the surface by sanding, shot peening, milling or sandblasting, depending on the type of surface.

PRODUCT PREPARATION

Two-component product to be mixed thoroughly before use with low rpm helical stirrer. Mix component B with component A for a few minutes until a homogeneous mass is obtained.

The product can be diluted from 20 to 50% with clean water, depending on the degree of absorption of the substrate.

APPLICATION

The product must be applied with a single coat, with a brush or airless spray with a consumption of 100-200 g/m² depending on the absorption of the substrate.

In order to avoid material puddles, apply the quantity indicated in the data sheet.

To improve the adhesion of the subsequent layers, a dusting of 0.1-0.3 quartz (about 500-1000 g/m²) can be performed on fresh product. Remove any excess quartz before the subsequent coats.

Apply the product at temperatures of between +10°C and +35°C.

CAUTIONS

Do not use if container is damaged

Do not use the product beyond the stated pot life.

TOOL CLEANING

Immediately after use, clean the tools with water. More than an hour after use, it is advisable to clean the tools with water and alcohol.

After use, the tools must be thoroughly washed with the appropriate diluent.

CONSUMPTION

100-200 g/m² with a single coat

PACKAGING

Comp. A: 5.0kg pot

Comp. B: 2.5 kg pot

STORAGE

The product, in the original sealed packages, kept in a dry and protected place, at temperatures of between +5°C and +35°C, can be stored for 12 months. Protect from frost.

SAFETY REGULATIONS

PRECAUTIONS

For information regarding safety regulations, the user must refer to the most recent Safety Sheet, issued in compliance with the Regulations in force, containing the physical and toxicological information and other information related to the product being used

ECOLOGY

Do not dispose of the product and/or empty containers into the environment. Consult the most recent Safety Sheet for further information regarding any waste disposal.

MIXTURE TECHNICAL DATA:

Data determined at 22±2°C

Characteristic	Regulation	Results
Catalysis ratio	-	100 parts by weight Comp.A 50 part by weight Comp.B
Bulk density	EN ISO 2811-1	1.1 ± 0.05 kg/l
Viscosity	UNI EN 2555	5,000 ± 2,000
Pot life	EN ISO 9514	40 minutes
Theoretical consumption	-	100-200 g/m ²
Non-volatile substances	EN ISO 3251	61% by weight

DRYING TIMES:

Hardening at 22°C, 50% R.H.	
Dry to the touch	2 hours
Completely hardened	10 days

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out. WINKLER S.r.l. reserves the right to modify and up-date said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.