

COMPLIANT WITH NORM

EN 13888
ISO 13007

RG

REACTIVE GROUTS SEALANT

NATURE OF THE PRODUCT

WINSTUCCO EPOX is a two-component, epoxy resin-based, solvent-free adhesive filler paste, with special fillers and additives that make the product thixotropic and easy to apply both horizontally and vertically. Formulated in WINKLER Research & Development laboratories.

USES

Excellent for both interior and exterior grouting of ceramic and stone floors and coverings. Floor and coverings of swimming pools, showers, refectories, tanks of sewage treatment plants. The product is resistant to acids, fresh, chlorinated, brackish water.

SURFACES PREPARATION

Grout lines to be treated must be compact, dry, free of dust, crumbly parts, foreign or non-stick substances.

APPLICATION

Pour component B into component A, mix very well until getting a homogeneous and lump-free mixture. If mixed with a drill, use a low number of revolutions (max 600 rpm), let it rest for a few minutes before application.

Apply on floors and walls using a rubber spatula, taking care to carefully fill the lines trying to remove excess material from the file.

Remove the excess material within 2h and 30' from the application, with clean paper or cloth, soaked in epoxy thinner.

ADVICES

Do not add any additive.

Do not use the product if the packaging is damaged.

Do not add water.

WARNINGS

Do not apply at temperatures below + 5 ° C

Do not apply on materials with particularly porous surfaces.

To avoid product alterations, do not mix partial quantities.

Apply the product at temperatures between + 5 ° C and + 30 ° C.

CONSUMPTION

TILE SIZES (mm)			Consumption (kg/m ²) depending on grout lines thickness				
Width	Length	Thickness	2 mm	3 mm	5mm	8mm	10mm
75	150	7	0.45	0.67	1.12		
100	100	6	0.38	0.58	0.96		
100	100	9	0.58	0.86	1.44		
150	150	9	0.38	0.58	0.96	1.54	
200	200	9	0.29	0.43	0.72	1.15	1.44
300	300	10			0.53	0.85	1.07
300	600	10			0.40	0.64	0.80
400	400	10				0.64	0.80
500	500	10				0.51	0.64
600	1200	10				0.32	0.40

N.B. The consumptions in the table are indicative and may vary based on the irregularities of the tiles, lack of flatness etc.

PACKAGING

Component A: 2,5 kg

Component B: 2,5 kg

STORAGE

The product, in its original, unbroken packaging, has a stability of 12 months. Store at temperatures between + 5 ° C and + 35 ° C. Not frost proof.

SAFETY NORMS

PRECAUTIONS

For information about safety norms, the user must consult the most recent Safety Sheet, edited in conformity with the Norms in force, containing physical, toxicological and other data about the product in use.

ECOLOGY

Do not throw the product and /or empty packs out in the environment. Consult the most recent Safety Sheet for further information about eventual disposals.

TECHNICAL DATA (average values)

Appearance:	paste
Colour:	white
Mixing ratio:	1-1
Density at +20°C (g/m ³)	1.6 ± 0.05
Solid content (%)	100
Brookfield viscosity	40,000
Starting curing time at +20°C	4 h 30 minutes
Final curing time at +20°C	5 h
Workability:	
at +10°C	2 h 30 minutes
at +20°C	1 h 30 minutes
at +40°C	30 minutes
Complete hardening	7 days
Operating temperatures	From -20°C to +85°C

PERFORMANCES OF PRODUCT IN USE (EN 13888 and ISO 13007)

Abrasion resistance	≤ 250mm ³
Flexion resistance	≥ 30 N/mm ²
Compression resistance	≥ 45 N/mm ²
Shrinkage	≤ 1.5mm/m
Water absorption	≤ 0.1g

DIRECT TRACTION ADHESION

Concrete (EN 1542)	>3,5 N/mm ²
Sandblasted steel (EN 1542)	>6 N/mm ²

Product complies with the requirements of 2003/53 / EC regulation

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.