

EPOXYJOINT

TWO PART ANTIACID EPOXY RESIN-BASED
ADHESIVE-GROUTING MIXTURE FOR JOINTS



TECHNICAL FEATURES:

Epoxyjoint is a special two part product with an epoxy resin base, selected quartzes and special additives suitable for sticking and grouting all types of ceramic floorings and coverings onto a wide variety of bases, possessing exceptional qualities of impermeability and resistance to chemical and mechanical attacks. Designed to harden rapidly and without shrinking, easily cleaned with water, **Epoxyjoint** is available in various colours that enhance the beauty of the coverings and guarantee a resistance to ageing and a cleanness of the joint that can not be obtained with traditional grouts. Does not contain asbestos or any other toxic substances.

FIELDS OF APPLICATION:

Grouting of ceramic floor and wall tiles of all types (except those with absorbing surfaces) up to 20 mm

of width in:

- Places for food use (milk plants, slaughter-houses, wine-cellars, delicatessen factories, dairies);
- Swimming pools and tubs containing some chemically aggressive liquids;
- Laboratory benches, kitchen benches, hospitals;
- Everywhere you want to accomplish a coating with some features of higher duration, cleaning facility and beauty.

METHOD OF USE AND CONTRA-INDICATIONS:

Epoxyjoint is not an elastic product thus the foundation must be stationary and non-deformable,





not free to do any movements outside the elastic oscillations and vibrations, which are proper for the structures. Consequently, foundations made of light panel and thin prefabricated panels are not suitable. The joints should be cleaned with care before the application by removing totally any traces of cement by passing on the total thickness of the tile and moreover there it must not be any dust, oil traces or other anti-adhesive substances. It is also indispensable that the joints and the employed mortar for the setting execution are completely dry. To execute a good work with **Epoxyjoint** it is very important the element "room temperature" which has a great influence on the times of workability of the product and on the times of crossing on the floor, at 20° (ideal temperature value for an easy employment) in fact the open time (if the product is used as an adhesive) is of about 30 minutes, the adjustability time is of about 60 minutes and that of opening to the pedestrian crossing is of about 24 hours. At 15° these

values are very much longer and that makes possible the pedestrian crossing only after about 80 hours, whereas at more than 30° the times of workability are too short.

PREPARATION OF THE MIXTURE:

Epoxyjoint is sold in 5 kg total bucket that contains 2 pastes, that are pre-dosed in the right ratio (paste A g. 4650 paste B g. 350) to mix entirely in the original packing with clean and dry tools until you obtain a homogeneous whole. It is absolutely forbidden to add water or any other substance to the product, from which it would be irremediably damaged. During the mixing, the setting and the sponge-cleaning operations it is suggested always to use protective gloves, because paste B is irritant for the skin.

APPLICATION:

Spread **Epoxyjoint** with a hard gummy spatula or a flexible metallic spatula, by exerting a good pressure,



so that the product will penetrate deeply, then remove accurately the excess grouting parts, while pressing the treated surfaces with hard sponge, that has to be often rinsed and changed when it becomes too imbued. To execute a good work it is very important to find the most proper moment to pass the sponge because, if you delay too long from the beginning of the setting, the cleaning operation would become too difficult; in this last case, we suggest to add the 10% alcohol to the washing water. Once the hardening process has completed, the grout is cleanable only by mechanical means.

COVERAGE:

The coverage is strongly influenced by the size and thickness of the tile together with the width of the joints which should be less than 20 mm and it changes from about 0,8 to 2,5 kg/m².

PACKAGING AND STORAGE:

5 kg small buckets - 12 months in intact packaging.



PRODUCT TECHNICAL DATA

CONSISTENCY	COMP. A PASTE. COMP. B THICK LIQUID
COLOUR	COMP. A SEE TABLE Page 96. COMP. B BROWN
CONSERVATION	12 MONTHS IN THE ORIGINAL PACK IF PROPERLY SEALED AT + 10°C
DANGER OF HARM	COMP. A HARMFUL IN CONTACT WITH SKIN AND IRRITATING IN CONTACT WITH EYES AND SKIN. MAY CAUSE SENSITIZATION. COMP. B CAUSTIC AND HARMFUL IN CONTACT WITH SKIN, INGESTION AND INHALATION. MAY CAUSE SENSITIZATION.
FLAMMABILITY	NO
MIXING RATIO	COMP. A / COMP. B 9,4:0,6
SPECIFIC WEIGHT	1,6 Kg/dm ³
APPLICATION TEMPERATURE	FROM + 12°C TO + 30°C
MIXTURE POT LIFE	45 MINUTES
WALKOVER TIME WITH CAUTION FOR GROUTING	
ON DRY SUPPORTS AT 23°C	24 HOURS
FINAL HARDENING ON DRY SUPPORTS AT 23°C	15 DAYS

FINAL PERFORMANCES

DAMPNESS RESISTANCE	OPTIMUM
AGEING RESISTANCE	OPTIMUM
RESISTANCE TO THE ACIDS	GOOD
RESISTANCE TO THE ALKALI	OPTIMUM
RESISTANCE TO SOLVENTS AND OILS	GOOD
RESISTANCE TO TEMPERATURE	FROM - 20°C TO + 100°C
CONFORMS TO	EN 13888 CLASS RG

data collected at 23°C and 50% of r.h.

COVERAGE

COVERAGE OF GROUT: KG PER M² OF TILED SURFACE

SIZE OF THE TILE (CM)	THICKNESS (CM)	WIDTH OF THE JOINT (MM)						
		1	2	3	4	5	7	10
2,5 X 2,5	0,3	0,60	1,10	1,60	2,20	2,60	3,65	5,15
5 X 5	0,4	0,40	0,70	0,95	1,25	1,55	2,10	3,00
10 X 10	1,0	0,45	0,80	1,20	1,55	1,90	2,60	3,70
10 X 10	0,6	0,30	0,55	0,75	0,95	1,20	1,60	2,25
12,5 X 12,5	1,0	0,40	0,70	0,95	1,25	1,55	2,10	3,00
10 X 20	0,8	0,30	0,55	0,75	0,95	1,20	1,60	2,25
15 X 15	1,4	0,45	0,80	1,15	1,50	1,85	2,55	3,65
15 X 15	0,8	0,30	0,50	0,70	0,90	1,10	1,50	2,10
12 X 24,5	0,8	0,30	0,50	0,70	0,90	1,10	1,50	2,10
20 X 20	1,4	0,35	0,60	0,85	1,10	1,35	1,85	2,60
20 X 20	0,8	0,25	0,40	0,55	0,70	0,80	1,10	1,55
20 X 25	0,8	0,25	0,35	0,50	0,60	0,75	1,00	1,40
25 X 25	1,0	0,25	0,40	0,55	0,70	0,80	1,10	1,55

BEHAVIOUR IN CONTACT WITH

	FOR CONTINUOUS IMMERSION	FOR FREQUENT CONTACT	FOR SELDOM CONTACTS
WATER	0	0	0
WINE	0	0	0
OIL	0	0	0
SATURATED SOLUTION WITH SUGAR	0	0	0
SATURATED SOLUTION WITH SALT (SODIUMCHLORIDE)	0	0	0
MILK SERUM	X	**	0
LATEX ACID 2,5%	X	**	0
LATEX ACID 5%	X	X	**
LATEX ACID 10%	X	X	**
CITRIC ACID (pH 3)	**	0	0
ETHYL ALCOHOL 10%	0	0	0
ETHYL ALCOHOL 10% +			
HYDROCHLORIC ACID 10%	X	**	**
NITRIC ACID 10%	X	**	**
SULPHURIC ACID 10%	X	X	**
SODA 4%	X	0	0
SODA 10%	X	0	0
SODIUM HYPOCHLORITE	X	X	**
XILENE	X	X	**
TRICHLORINEETHANE	X	X	X
PETROL	0	0	0
GAS OIL	0	0	0

SYMBOLS: 0 = EXCELLENT BEHAVIOUR ** = GOOD BEHAVIOUR X = SUFFICIENT BEHAVIOUR

PLEASE NOTE: The data and information contained herein are dictated by our best results, and are purely indicative and must be verified by the user of the product who assumes complete responsibility for its use.