



PIEPOX CERÁMICO

ANTACID EPOXY COATING, FREE OF SOLVENT

It has an excellent chemical resistance to the majority of acids, bases and solvents (see chemical resistant table). Very good adherence on commonly used surfaces: metals, ceramics, concrete, fibrocement, etc. It has high mechanical resistance to compression, traction and abrasion. When it is perfectly hardened it shows a smooth, bright and completely non-stick surface.

USES

In general it is use in food industries to protect the floors and places with constant chemical aggressions. It is recommended in lactic industries, canning industries and salting plants. It's an antacid protector for tanks and metallic structures. It's ideal to be applied in multilayer system, with silica sand, to obtain a compact and continuous floor with high chemical and mechanical resistance.

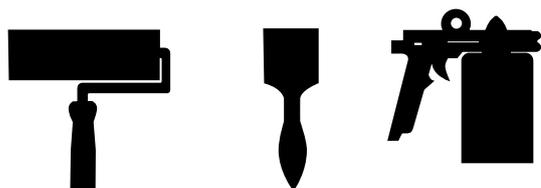
SURFACE PREPARATION

The surface must be clean, dry and totally exempt of dust, greases and oils. It is recommended to scrape off or to mill the surface to achieve an open pore surface in order to facilitate the good adherence of the primer. To apply the product on a closed pore surface, such as tiles, ceramics, etc., consult our technical department.

INSTRUCTIONS FOR USE

PIEPOX CERAMICO is supplied in sets of 5 Kg. Pour part B into part A. Ensure a homogenous mixture with a mechanical agitator of low revolutions to avoid the incorporation of air bubbles. Let the mixture to settle for 5 minutes. The pot life or the used time of the mixture is 30 minutes at 20°C approx. The product can be applied with brush, paint roller, airless or paintbrush. The application of the following coats can be done after the "dry touch" state, and before 24 hours maximum. To apply it inside tanks it is important to control the micro-condensation (water vapour due to breathing) which could impede the adherence between different coats.





CONSUMPTION

One coat of 350 microns 500g/m².

COLOURS

Red, grey and green, other colours: on demand in orders over 500 Kg.

PACKING AND STORING

PIEPOX CERAMICO is supplied in hermetic sets of 5 Kg. (A + B), according to EC packing and storing directives for chemical products. Professional use.



HYGIENE AND SAFETY

See product label.

SPECIFICATIONS					
Density at 20°C, depending in colour:	Comp. A: 150 ±0,05 g/ml		Comp. B: 1,2 ±0,05 g/ml		
Mix A+B a 120°C: 1,2g/ml	Dry extract A+B (Comp. A:auto 120°C/ <Comp. B: 75°C):>96%/>95%				
Viscosity (A4, V20, 25°C):	Comp. A: 3000 ± 200 cP		Comp. B: 610 ±200cP		
Dry-to-touch (500 microns, glass): 5-6 h	Mix A/B relation in weight: 4/1				
Dry-to-touch (500 micras, glass): 12 ≤24 h					
CHEMICAL RESISTANCES					
Butile acetate	+	Potassium hydroxide	++	Sodium hydroxide at 10%	++
Ethyl acetate	±	Potassium hydroxide at 50°C,10%	++	Monochlorobenzene	++
N-propile acetate	+	Citric acid at 30%	++	Perchlorethyrene	+
Acetone	+	Methyl alcohol	-	Phenol	++
Chromic acid a 40%	++	Etilnoglicol	++	Dibutile ftalate	++
Hydrochloric acid at 20%	++	Cloroform	+	Diactile Ftalate	++
Hydrochloric acid at 30%	+	Ammoniacal water 25%	++	Lard	++
Hydrochloric acid at 37%	-	Benzene	++	Iodide solution concentrate	++
Sulfuric acid at 10%	++	Beer	++	Styrene	++
Sulfuric acid at 20%	+	Sodium carbonate	++	Skydrol	++
Sulfuric acid at 80%	+	Sodium chloride	++	Turpentine	++
Nytric acid at 5%	++	Dichloromethane	++	Carbon Tetrachloride	++
Nytric acid at 10% 30%	+	Cyclohexane	-	Toluene	+
Nytric acid at 40%	-	Hot water at 100°C	-	Trichloroethylene	++
Lactic acid at 10%	++	Distilled water	++	White spirit	+
Fosforic acid at 45%	+	Petrol	++	Xilleon	++
Concentrated fosf. acid	-	Butile eter	++	Wine in fermentation	++
Lactic acid at 1%	++	Ethyleneglycol	++	Very resistant	++
Acetic acid at 10%	++	Diesel Oil	++	Resistant	+
Acetic acid at 60%	+	Oils (all)	++	Short period resistant	±
Acetic acid at 80%	-	Aluminium hydroxide	+	Non resistant	-
Boric acid at 30% 3%	++				
Amines	-				
Oxalic acid at 30%	++				