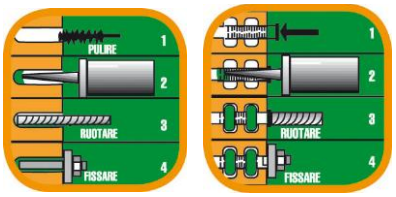
CHEMICAL FIXING AGENT



DESCRIPTION:
Ready-to-use putty cartridge composed of a two-component resin of 150/380 ml, with a very good fixing on every kind of support.

PROPERTIES:

1. Extrusion of the product without efforts
2. Convenience and rapidity of application
3. It is safe and assures the maximum tight
4. Pre-mixing is not necessary, the resin and the hardening compound mix together only during the extrusion from the mixing spout
5. It has a pleasant smell
6. Cartridges are supplied in boxes of 6 pieces with spout included; they must be stored in a dry and cool place, if possible in the shade

APPLICATIONS:
It ensures a very good fixing on every kind of support: full and empty masonry, rock, natural stones, concrete, reinforced concrete and wood. It is used for the fixing of plates, metal works, enclosures, window and door frames, gates, reinforcement bars and rods, shelves, etc., moreover, it is suitable for the renovation of old buildings, strengthening and completion of new walls. Technical data have a value for holes clean with a brush and compressed air. Check always the resistance of the base material. The resistance and the compression is comparable to that of concrete.

TESTS OF CHEMICAL FIXING OF SYNTHETIC RESINS FOR DIFFERENT APPLICATIONS
POLYESTER RESIN
Values of extraction of the bar:

Resistance test for application in concrete class R 250 and steel bars

F of the bar in mm	8	10	12	16	20	24
Depth of the hole in mm	90	100	115	125	180	220
Medium breaking load in N	1.650	2.750	4.720	6.170	9.200	11.350
Admissible load in N	380	540	950	1.450	2.010	2.650

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Data on resin samples:

Compression tests on a sample of polymerized resin

Sole breaking load	21,4 N/mm^2

Tensile tests on a sample of polymerized resin

Sole breaking load	2,7 N/mm^2

Tests carried out in the laboratory of Padova

RESISTANCE TO CHEMICAL AGENTS:

The chemical resistance determined with the permanence of the samples in the respective chemical agents. The chemical resistance was noted down with a visual test. The samples were considered resistant as no visible damages were found, like cracking, corroded surfaces, bevelled corners, no important bulges happen. The results are summed up in the following table:

Substance	% Concent. in weight	Resistant	Not Resistant	Substance	% Concent. in weight	Resistant	Not Resistant
Acetone	100		x	Tartaric acid	all	x	
Acetone	10		x	Ethylic alcohol	96	x	
Acetic acid	concentrated		x	Ethylic alcohol	50	x	
Acetic acid	10	X		Ispropylic alcohol	100	x	
Boric acid		X		Ammonia	concentrated	x	
Hydrochloric acid	concentrated			Aniline	100		x
Hydrochloric acid	20	X	x	Benzene	100		x
Hydrochloric acid	10	X		Bear		x	
Citric acid	all	X		Mud of cement		x	
Formic acid	100			Calcium carbonate	all	x	
Formic acid	10	X	x	Potassium carbon.	all	x	
Lactic acid	all	X		Sodium carbonate	all	x	
Nitric acid	concentrated			Clacium chloride		x	
Nitric acid	20	X	x	Magnesium chlor.	all	x	
Nitric acid	10	X		Potassium chlor.	all	x	
Oleic acid	100	X		Sodium chlor.	all	x	
Phosphoric acid	about 85	X		Petrol	100	x	
Phosphoric acid	10	X		Turpentine essence	100	x	
Accumulator acids		X		Domestic fuel oil		x	
Sulphuric acid	concentrated		x	Fuel oil for self-traction	100	x	
Sulphuric acid	30	X		Formaldehyde	30	x	
Sulphuric acid	10	X		Freon		x	

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Substance	% Concent. in weight	Resistant	Not Resistant	Substance	% Concent. in weight	Resistant	Not Resistant
Glicerine		x		Sodium phosphate	all	x	
Ethylene glycol		x		Potassium hydrox.	20		x
Lubricating oil	100		x	Potassium hydrox.	10	x	
Linseed oil	100	x		Sodium hydroxide	50		x
Oil for motors	100		x	Sodium hydroxide	40		x
Calcium hydroxide		x		Sodium hydroxide	20		x
Methanol	100		x	Sodium hydroxide	10	10	
Potassium nitrate	all	x		Tetrachlorineethil.	100		x
Perchlorineethylene	100		x	Tetrachloridecarbon	100		x
Phenol	100		x	Toulene			x
Phenol	1	x		Trichlorineethylene	100		x

STORAGE:
The cartridges must be stored at 5 - 32 °C in a dry and cool place. During the summer season, do not leave the cartridges under sunlight for a long time to avoid polymerisation of the same.
Be sure that the plastic helicoid is into the mixing spout before starting the extrusion.
It is suggested not to use the first 10 cm of the product coming out of the mixing spout.
Before using it check the expiry date (shelf life of the product: 12 months if kept into intact packaging as per the instructions of this data sheet).

TIMES ACCORDING TO TEMPERATURE:
Throw away the first 2 pumpings of resin and do not use them for fixing (about 10 cm).

WORKING TIMES		
Application temperature	Minimum installation time suggested	Working time
-5 °C	355 min.	41 min.
0 °C	175 min.	22 min.
+5 °C	85 min.	8 min.
+20 °C	45 min.	4 min.
+30 °C	30 min.	3 min.
+40 °C	20 min.	1,5 min.

WARNING:
FACOT CHEMICALS is not responsible for damages coming from the inobservance of the information contained herein. Yet it is simple information and must not be regarded as a guarantee. The purchaser is liable for the product use.

Follow all the indications on the label and safety data sheet.

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