



UNI EN ISO 9001:2008
Quality System Certified Company



TECHNICAL DATA SHEET PRODUCT

EPOXY 7000

FLOWING EPOXY CHEMICAL ANCHOR

COMPOSITION

Bi-component fluid epoxy adhesive based on epoxy resins of low shrinkage and mineral fillers of thin granulometry (<50 μ) for anchoring and restoration concrete (horizontal or/and in formwork) and catalyst

APPLICATION

Plinths fixing to floor, casting recovery, high seal anchors of structural elements such as posts, banisters, bars, tie-rods, etc. into cement/concrete, metals, natural and artificial stones, wood and other materials. Suitable for static loads or loads subject to light stress.

CHARACTERISTICS

Good mechanical properties, high resistance to static loads and goods resistance to dynamic loads.
Very goods resistance to the atmospheric agent, draining waters and marine waters, weak alkali, greases, oils, gasoline.
Goods resistance to chemical agents and acids.
Chemical anchor ready to use: no primers needed.
Easy to apply and no solvents transfer to the environment.
Easy to works: controlled pot-life and hardening.

MIXING RATIO

Epoxy adhesives require exact mixing ratio, in weight, between component A (*resin*) and component B (*catalyst*). In this particular case the ratio is:

COMPONENT A : COMPONENT B = 100 : 10
(i.e.: 5 kg. of component A mixed with 0,5 kg. of component B)

PACKAGING

component A metal can of kg. 4,550
component B plastic can of kg. 0,450

HOW TO USE

Supports on which the product have to be applied must be clean, without any trace of greasy or oily substance, dry, porous and must be made homogeneous by removing all friable parts.

Pour the component B into the component A (or, into other clean container, pour only the quantity of component A and component B needed for the application, always complying with the proportions as described at point MIXING RATIO).

Mix carefully 2 to 3 minutes by using a suitable low rpm stirrer device equipped by helical tool till to obtain a well amalgamated and homogeneous texture, lumps free, and then cast into the application point/area (if necessary, spread the texture by a suitable flat tool).

During mixing avoid to inglobe air into the texture.

Do not apply at temperature lower than +10°C / 50°F

Suggested application temperature between +10°C (50°F) and +30°C (86°F)

TEST

Always effect preliminary tests to control the right use of the product and specially in case of new and not expert applicators or in case of new typologies of materials.

ENVIRONMENTAL TEMPERATURE TIME OF WORKABILITY	HARDENING TIME (AT TOUCH)	TOTAL CURING TIME
10°C (50°F) 60 minutes abt.	130 minutes	7 days
20°C (68°F) 35 minutes abt.	85 minutes	7 days



SAFETY

For personal and environment safety, consult the Material Safety Data Sheet

NOTE

Do not store at temperature lower than +10°C (50°F) or higher than +35°C (95°F)
Protect from frost the stored cans

TECHNICAL DATA

(7 days after the application)

DESCRIPTION	VALUE	UNIT	NOTE
DENSITY AT 20°C (68°F)	1,57	kg/l.	
COMPRESSION STRENGTH	>85	N/mm ²	
BENDING STRENGTH	>38	N/mm ²	
ADHESION TO CONCRETE	4.2	N/mm ²	<i>note: breaking of the concrete</i>
ADHESION TO STEEL	>11	N/mm ²	
MODULUS OF ELASTICITY	~ 13000	N/mm ²	
THERMAL EXPANSION COEFFICIENT -30°C/+30°C (-22/+86°F)	~ 3x10 ⁻⁵		<i>per °C</i>
RESISTANCE TO TEMPERATURE AFTER CURING (7 DAYS) (SERVICE TEMPERATURE)	-30 / +90 (-22/+194) -30 / +65 (-22 / +149)	°C (°F) °C (°F)	<i>in dry environment</i> <i>in humid/wet environment</i>
CHEMICAL RESISTANCE	water, acids, weak alkali, gasolines, oils, greases		
COMPLETE ADHESION	natural stones, bricks, concrete, cement, metals, etc.		

LIMITATION OF LIABILITY The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to refund of the purchase price since application of the product is beyond the control of the manufacturer or supplier.

A PRELIMINARY TEST IS ALWAYS RECOMMENDED BEFORE THE APPLICATION