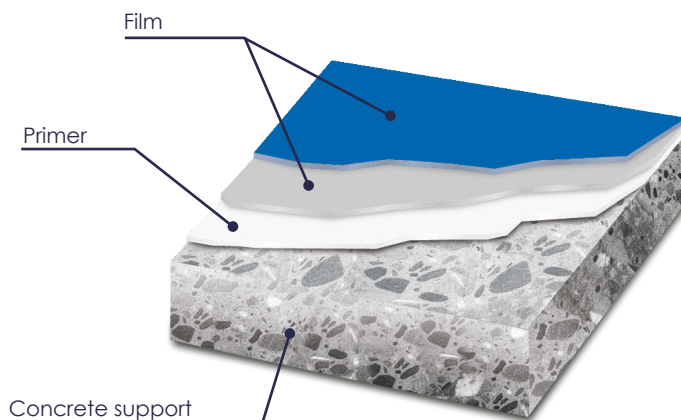


GENERALITIES AND TECHNICAL DATA

TYPE	Epoxy Resin Protective Coating.
FEATURES	Liquid state application, solvent based epoxy resin protective coating formula.
CARACTERISTICS	Industrial grade Epoxy resin film coating, particularly indicated in anti carbonation floor coatings (bridges, viaducts, sports centers, etc.) in general concrete installments. Also used as covering layer in anti corrosive cycles in steel manufacturing.
COLOR	Neutral.
TINT	Color chart. Supplied separately as C attachment.
APPEARANCE	Clear.
SUBSTRATE	Can be used in either pre treated resin surfaces or in already water or solvent based epoxy or polyurethane primer floorings.
FINISH	Typically not required.
COVERAGE	One or two 150-200 g/mq single ayers usually recommended, corresponding to a dry thickness of 60-80 µm.
SOLID CONT.	in weight: 64 % (± 1) in volume: 48 % (± 1)
NOMINAL YIELD	4-5 mq/kg. In estimating the necessary material quantities one must also consider all potential waste often generated in both the mixing and pose phases.
VOC	Of supply: ~ 110 g/l Colorato (10% in weight): 110 g/l These are nominal values and might slightly differ based on color type.

SCREED PREPARATION

GENERALITIES	All treated surfaces must be clean, oil, grease and chemical free and in perfect structural conditions. This includes floor evenness and maintenance. Should any of the above requirements not be met, consequent soil interventions would then be necessary.
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POSE INSTRUCTIONS

APPLICATION	Applied by ways of a roller, brush or spray, through the use of airless pumping systems with compression rates >20:1. Over varnishability intervals set between 12 and 36 hours. Anything beyond this limit would require proper F Additive sanding. Do not apply with temperatures below 5°C.
ROLLER	High quality rollers only.
PENNELLO	To be used in small areas or for small repair works. We recommend the use of professional grade brushes only.

MIXING AND DILUTION

MIXING	Mechanically mix component A, B and the colorant paste (comp.C) separately. Subsequently, pour the colorant C paste in the Part A container, paying close attention to pick up any residual traces; part A and C must be perfectly mixed. Ultimately, slowly pour part B in the colored part A container. Mixing will be complete after about 2 minutes of agitation and, in any case, whenever the final mix reached chromatic homogeneity. We suggest using the product's full content and not partially.
MIX RATIO	In weight: Part A (base): 80% Part B (hardener): 20%
DILUTION	Typically not required
POT LIFE	4 hrs at 20° C Less at higher temperatures. Pot-life ends whenever the product loses its body and begins to thicken



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ABRASION RES.	20mg (TABER Test 1.000 rpm/1.000 g /grind-stone CS 10)
HARDNESS	Bucholz: 100 Pencil: 4 H
ADHERENCE	> 3 MPa (on concrete)

POSE REQUIREMENTS

Apply exclusively with temperatures of at least 5°C above Dew-Point.

CURING TIMES

TEMP. E RH 65%	20 °C
DUST OUT	40 min
DRY ON TOUCH	4 h
WALKABILITY	36 h
CARRIAGE ALBLE	72 h

Insufficient ventilation or low temperature conditions will require higher times of polymerization and might cause trapping of solvents. As a result, premature coating deterioration might occur.

Excessive surface humidity or condensation during polymerization will severely hinder the cross-linking process and must then be avoided.

Should covering time be exceeded, surface will need to be mechanically sanded before applying any additional layers.

STANDARD BOX AND STORAGE

BOX	16 kg – 8 kg Base 4 kg – 2 kg Hardener
STORAGE	Store all sealed boxes away from direct sunlight and in covered, dry and cool areas.
TEMPERATURES	4 – 40 °C
RH%	0 – 90 %
SHELF LIFE	6 months

CLEANING AND SAFETY

CLEANING	Only use idoneous diluents. In the event of spilling, dispose according to local rules and regulations.
SAFETY	Carefully read all precautions .
VENTILATION	System ventilation must allow solvent concentration to be maintained below explosion limits. All personnel must also be equipped with proper respirators.
PRECAUTIONS	All electrical installations must be grounded. In explosion hazardous areas, operators must utilise non metal tools and anti spark shoes.

*All communication generated by Seventy Srl, whether in print, via qualified and/or delegated personnel or through any other tangible or intangible means, having the sole scope of conveying information on the correct use and installation of its full range of products, notwithstanding their accuracy and full completeness, it won't ever be used, under any circumstances, as grounds for legal litigations against Seventy or any of its employees and associates.

This is more so in consideration of several other external factors objectively beyond the control and jurisdiction of Seventy Srl itself.

These include, but are not limited to: installations carried out by personnel other than Seventy's, peculiar adverse pose conditions and other relevant material factors.

In lieu of the considerable percentage of unpredictable events negatively affecting pose, it is therefore recommended for all of our clients investigate, through a thorough profiling of tangible evidence, the correct product adequacy and needed quantities prior to purchase.



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