

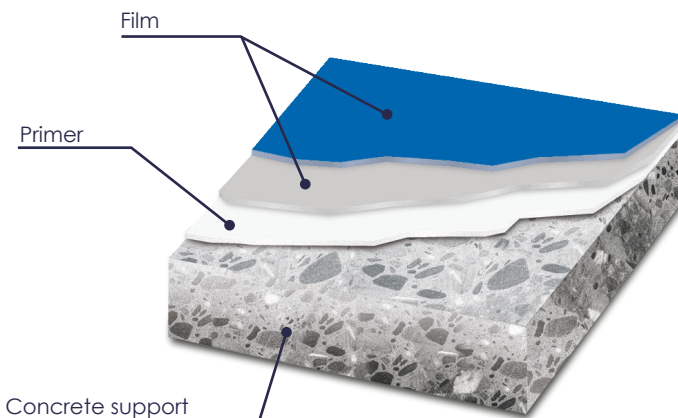
Tech Sheet

GENERALITIES AND TECHNICAL DATA

TYPE	Elastic and auto levelling floor coating.
FEATURES	Auto levelling and solvent free polyurethane resin. To be applied in its fluid state as a thickening layer in the all resin based coatings.
CARACTERISTICS	Industrial grade epoxy floor coating, particularly indicated where chemical, mechanical and elongation resistance is required. It can be used in continuous coatings applications without the use of water or oil proof additives. It's easily cleanable with common everyday use detergents.
COLOR	Neutral.
TINT	Color Chart. Supplied separately as C attachment.
APPEARANCE	Semi Clear
SUBSTRATE	Can be used in either pre treated resin surfaces or in already water or solvent based epoxy or polyurethane primer floorings.
FINISH	Best when used with POLISHIELD D.
COVERAGE	One 1500g/m ² layer usually recommended, corresponding to a dry thickness of 100 µm.
SOLID CONT.	by weight: 98 % (± 1) by volume: 98 % (± 1)
NOMINAL YIELD	0,65 mq/kg. In estimating the necessary material quantities one must also consider all potential wastes often generated in both the mixing and pose phases.
VOC	of Supply: ~ 200 g/l Colored (10% of peso): 200 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 tooth spatula or serrated squeegee with consequent blistering via roller. Do not apply with temperatures below 5° C.
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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	Weight: Part A (base): 82 % Part B (hardener): 18 %
DILUTION	Typically not necessary.
POT LIFE	20 minuti at 20° C Less at higher temperatures. Pot-life ends whenever the product loses its body and begins to thicken.



TECH

ABRASION RES.	80 mg (TABER Test 1.000 rpm/1.000 g/mole CS 10)
ELONGATION	at breakage 120 %
HARDNESS	Shore D: 43 - Shore A: 80
ADHERENCE	> 2,5 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	1 h
DRY ON TOUCH	4 h
WALKABILITY	24-36 h
CARRIAGE ALBLE	/

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	8,2 kg -16,4 Kg Base 1,8 kg - 3,6 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 included in both this tech sheet and the safety sheet included in the box. Always adopt standard work precautions. Hypersensitive individuals must remember to wear protective clothes, gloves and put on protective face, hand and exposed body part creams.
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.

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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.



ASSOCIATED



CERTIFIED



CERTIFIED



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