



PRODUCT	Technofloor Protex
MISSION	Two component epoxy paint solvent based
CHARACTERISTICS	Technofloor Protex is a two component epoxy paint used to protect from UV rays floorings realized with polyurethane resins (Technofloor 134 PSL) or epoxy (Technofloor 138 EPR). Technofloor Protex can be applied also on cement deck to realize an high mechanical and abrasion resistance painting.
APPEARENCE	Comp. A: medium viscosity coloured liquid Comp. B: low viscosity brown liquid

CHARACTERISTICS OF THE LIQUID PRODUCT			
CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific weight	1,23	± 0,1	Kg/dm ³
Dry mass residue	70,5	± 0,5	%
Viscosity (with Ford cup – hole n. 4)	45	± 1	sec
Mixing ratio by weight	A : B = 75 : 25		

APPLICATION INSTRUCTIONS			
TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Roller	Ready to use		DIL S1
Brush	Ready to use		DIL S1
Spray	Approx. 10 %	DIL S1	DIL S1

LAYING SURFACE	<p>For application on Technofloor 134 PSL or Technofloor 138 EPR verify always the complete hardening and any difects of the surface; if there is presence of difects proceed first with the reparation of the surface. In any case the painting operation must be done before 24 h form the hardening of the previous coat; if exceed this time is recommendable to scratch lightly the whole surface.</p> <p>For application on concrete this must be clean and treated with the proper primer (contact the Casali's S.p.A. Technical Office). In any case the mechanical preparation of the concrete musn't lead to an high level of roughness.</p>
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CONSUMPTION	Approx. 0,2 Kg/sq.m. for 1 coat. The recommended coats are 2.
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APPLICATION INSTRUCTIONS	Environmental temperature: MIN 10° C MAX 30° C Environmental relative humidity: MAX 80 % Laying surface temperature: MIN 10° C MAX 30° C
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HARDENING AT 23° C AND 50 % U.R.	<p>Pot life: approx. 50' Interval between coatings: MIN 10 h MAX 24 h Complete hardening: MAX 7 day</p> <p>The times indicated refer to standard laboratory conditions. Drying times are strongly affected by the weather; high temperatures and exposure to direct sunlight accelerate hardening; shadow and low temperatures delay hardening. During winter it is advisable to lay the product in the middle of the day when it is warmer. Always ensure that the previous layer has hardened perfectly before applying a new coating.</p>
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CHARACTERISTICS OF THE DRY PRODUCT

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Resistance to abrasion (H18 – 1000 gr – 200 rpm)	0,1	± 0,05	g

CHEMICAL RESISTANCE FOR ACCIDENTAL CONTACT (MAX 24 h)

TEST LIQUID	RESULT
Acetic acid 10 % (pH 4)	Pass
Acetic acid 50 % (pH 2,5)	Pass
Propionic acid 50 % (pH 4,5)	Pass
Sodium hydroxide 20 % (pH 14)	Pass
Sulfuric acid 20 % (pH 1)	Pass

The tests were carried out internally following the ISO EN 13529 standard. The specimens were placed in a climatic chamber at 21° C for the entire test period.
ATTENTION: For prolonged contacts beyond 24 hours, the resistance and color stability of the Technofloor Protex layer is not guaranteed.

PACKAGING INSTRUCTIONS	COLOURS AVAILABLE Grey, red, white and other on request for minimum batch production on 200 Kg	PACKAGING A + B = 20 Kg
STORAGE INSTRUCTIONS	STORAGE TEMPERATURE MIN 5° C – MAX 40° C	STABILITY IN THE ORIGINAL PACKAGE 6 months
SAFETY STANDARDS	Please read the safety data sheet carefully before using this product.	

