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| 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 | 1,24 | ± 0,1 | Kg/dm ³ |
| Dry mass residue | 69 | ± 0,5 | % |
| Viscosity (with Ford cup – hole n. 4) | 60 | ± 1 | sec |
| Mixing ratio by weight | A : B = 85 : 15 | | |

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 |

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| LAYING SURFACE | 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. 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. |
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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 |
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| 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.

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| 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. | |