



PRODUCT	Technofloor 138 EPR
MISSION	Two component epoxy self levelling or thixotropic coating with high chemical resistance
CHARACTERISTICS	Technofloor 138 EPR is a two component epoxy coating with high chemical resistance. Thanks to this characteristic is highly recommended for food industries who need to protect the concrete against the chemical aggression of the fluids treated; Technofloor 138 EPR has also high mechanical resistance so is suitable for heavy traffic. The formulation is solvent free so the volumetric retire during the curing is zero. Technofloor 138 EPR can be provided both in self levelling and thixotropic version.
APPEARENCE	Comp. A: high viscosity coloured liquid (self levelling) – Coloured paste (tixotropic) Comp. B: high viscosity straw yellow liquid

CHARACTERISTICS OF THE LIQUID PRODUCT

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific weight	1,45	± 0,1	Kg/dm ³
Dry mass residue	100	± 1	%
Mixing ratio by weight	A : B = 78 : 22		

APPLICATION INSTRUCTIONS

TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Calibrated spatula for self levelling	Ready to use		DIL S1
Brush or roller for tixotropic	Ready to use		DIL S1

LAYING SURFACE	Consult the specifications for concrete substrates beforehand. In general, cement substrates must be clean, free from traces of oils, grease and dust; non-coherent parts and any soluble salts must be removed before application. The sandblasting or shot blasting treatment is always recommended in order to eliminate any non-coherent parts and increase the roughness for greater adhesion. Subsequently it is advisable to apply a primer according to the state of the surface on which to apply. (consult the Casali's Technical Office) In any case, the laying cycle must be defined according to the type of substrate; consult the Technical Office of Casali S.p.A. to better define the laying layers.
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CONSUMPTION	Approx. 1,45 Kg/sq.m. to obtain 1 mm of thickness. Thickness change depending on the laying cycle agreed. For the tixotropic version is recommended 0,5 – 0,6 Kg/mq.
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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: 40' 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.
Elongation to break	11	± 0,5	%
Resistance to abrasion (mole H18 – 1000 gr – 1000 rpm)	0,9	± 0,05	g
Shore D hardness	85		

PACKAGING INSTRUCTIONS	COLOURS AVAILABLE Grey and other colours available on request and for minimum quantity of 1000 Kg	PACKAGING A + B = 20 Kg
STORAGE INSTRUCTIONS	STORAGE TEMPERATURE MIN 10° C – MAX 40° C	STABILITY IN THE ORIGINAL PACKAGE 6 months
SAFETY STANDARDS	Please read the safety data sheet carefully before using this product.	