



PRODUCT	Polytop W
MISSION	Aliphatic two component colored polyurethane water based finish coat for the protection of liquid epoxy, poliurethane and polyurean membranes, antibacterial.
CHARACTERISTICS	Polytop W is an aliphatic two component colored water based finish coat made with polyurethane resins, highly resistant to UV rays, ideal for the protection of waterproofing surfaces made with Polyroof system, concrete surfaces, etc. Thanks to his special formulation Polytop W is highly resistant to abrasion, the aggression of weak acids which is good also for the protection of industrial concrete surfaces with heavy duty traffic as forklifters, exc. Polytop W, on request, can be also anti slippery with the adding of Additive AS, a synthetic filler that offer an excellent grip and a good cleanability; is ideal for terraces, roofs and civil surfaces in general. Polytop W, in the white version, has an excellent "cool roof" effect thanks to an initial Solar Reflectance Index (SRI) of 108.2. Polytop W is tested according the EN 1297 (exposure to artificial weathering) resulting in accordance.
APPEARENCE	Component A: medium viscosity pigmented liquid. Component B: low-viscosity transparent liquid.

CHARACTERISTICS OF THE LIQUID PRODUCT

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific weight	1,15	± 0,05	Kg/dm ³
Dry residue	71	± 2	%
Viscosity at 23°C (with Brookfield viscometer, rotor no. 5, speed 20)	610	± 50	mPa.s
Mixing ratio by weight	A : B = 90,9 : 9,1		

APPLICATION INSTRUCTIONS

TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Brush	Max 10 %	Water	Water
Roller	Max 10 %	Water	Water
Spray	Max 20 %	Water	Water

LAYING SURFACE	The deck must be clean, compact, free from oils, dust and rising damp; in case of Polytop W must be applied on two component products, these must be perfectly cured without defects on the surface and the interval between coating must be always respected (maximum 24 h). If you exceed this time interval is suggested a light scratching of the whole surface to increase the superficial roughness.
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CONSUMPTION	For smooth surfaces, coverage is about 0,1 Kg/sqm per coating; the recommended coats are 2. The consumption depend from the roughness of the surface; in any case make some tests to define the right consumption of Polytop W.
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APPLICATION INSTRUCTIONS	Environmental and deck temperature limit during application: MIN 10° C - MAX 40° C. Before applying the next layer, allow product to cure thoroughly. NOTE: It is recommended to respect the maximum recovery time indicated. It is possible to apply the second coat after approximately 4 hours (at 20°C) but it is strongly recommended not to exceed 24 hours. If 24 hours have passed, the surface must be mechanically roughened with light sanding (100 grit sandpaper).
DRYING AND HARDENING AT 23° C AND 50 % U.R.	Pot life: 1 h To touch: 30' Interval between coats: MAX 24 h Walkability for use: MIN 2 – 3 days Complete hardening: MAX 5 days The times shown are intended for standard laboratory conditions. Drying times are strongly affected by weather conditions; high temperatures and direct sunlight reduce the drying times; areas in shadow, low temperatures and high humidity increase the drying times. In winter the product should be laid in the middle of the day when it is warmer. Ensure that the previous layer has dried properly before applying the next layer.

CHARACTERISTICS OF THE DRY PRODUCT			
CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Resistance to abrasion (weight loss) (with Taber Abraser Mole H18 / 1000 g / 200 rpm)	47,8	± 2	mg
Resistance to ageing from artificial weathering test (EN 14836)	Accordant		
SRI (Solar reflection index)	108,2		

CHEMICAL RESISTANCE AT 30 DAYS (INTERNAL METHOD)	
CHEMICAL SOLUTION	RESULT
Acetic acid 10 %	Pass
Acetic acid 50 %	Slight discoloration ¹
Propionic acid 50 %	Slight discoloration ¹
NaOH 20 %	Not pass (MAX 7 days)
H2SO4 20 %	Not pass (MAX 7 days)
Hydrocarbons	Pass
Degreaser	Pass
Concentrated degreaser	Slight discoloration ¹
Bleach	Slight discoloration ¹
1 : the slight color change of the surface film does not in any way affect the mechanical and functional characteristics of the product	



In case of use of concentrated products for professional cleaning it is advisable to carry out a preventive test on a portion of the hidden surface, following the manufacturer's instructions, for dilution of the detergent.

PACKAGING INSTRUCTIONS	COLOURS AVAILABLE Red, Grey, White, Green and others on request	PACKAGING A + B = 5 – 10 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.	



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