



PRODUCT	Polytop
MISSION	Solvent-based two-component polyurethane finish for the protection of polyurethane and epoxy liquid membranes
CHARACTERISTICS	Polytop is a two-component paint consisting of solvent-based aliphatic polyurethane resins that make the product highly resistant to UV, wear and chemical agents such as oils, grease and hydrocarbons. Polytop is used as a coloured anti-abrasion scratchproof paint and screen to protect polyurethane or epoxy resin waterproofing and/or flooring (industrial, commercial, finishes etc.), from UV rays. After applying a suitable primer, the product may also be applied simply as a scratch-proof and/or normal finish even on ceramic, metal or cement decks (please contact Casali's Technical Office for more information on the laying cycle most suited to your specific requirements. A deck painted with Polytop is seamless and is therefore easy to clean and perfectly hygienic, making it ideal for public toilets or in any case heavy-duty areas (gyms, etc.), kitchens, offices and workplaces etc. On request, Polytop may be supplied in the non-slip version (Polytop AS), and in this case special synthetic filler is supplied separately that ensures a good grip to the cured product, even in the presence of humidity on the deck; the filler improves the product's non-slip properties but in no way makes the deck more difficult to clean.
APPEARENCE	Component A: medium-viscosity pigmented liquid. Component B: medium-viscosity transparent liquid.

CHARACTERISTICS OF THE LIQUID PRODUCT

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific weight	1,26	± 0,05	Kg/dm ³
Dry residue	58	± 1	%
Viscosity at 23°C (with Brookfield viscometer, rotor no. 4, speed 5)	2000	± 400	mPa.s
Mixing ratio by weight	A : B = 80 : 20		

APPLICATION INSTRUCTIONS

TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Brush	Ready to use		DIL A1
Roller	Ready to use		DIL A1
Spray	Ready to use		DIL A1

LAYING SURFACE	Clean and perfectly dry.
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CONSUMPTION	For smooth surfaces, coverage is about 0,1 Kg/sqm per coating, while for rough decks coverage is about 0,3 – 0,5 Kg/sqm depending on roughness of the deck In any case, two coatings are recommended.
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APPLICATION INSTRUCTIONS	Environmental and deck temperature limit during application: MIN 10° - MAX 40°. Before applying the next layer, allow product to cure thoroughly
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DRYING AND HARDENING AT 23° C AND 50 % U.R.	Pot life: 2 h Interval between coatings: MAX 24 h 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.
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CHARACTERISTICS OF THE DRY PRODUCT

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Resistance to abrasion (weight loss) (with Taber Abraser Mole H18 / 1000 g / 200 rpm)	0,200	± 0,004	gr

PACKAGING INSTRUCTIONS	COLOURS AVAILABLE See the range of polyurethane colours	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.	