Product

POLISTAR P8670

cod. 6329LU/OP 00
93160000

TRANSPARENT ALIPHATIC POLYURETHANE FINISH

Features

- Resistant to water, detergents, oils, fuels.
- Hard glossy or matt surface resistant to impact and abrasion.
- Ripaintable after many months and during maintenance.
- No yellowing and UV resistance
- Applicable from +5°C to +40°C.
- Working temperature from -25°C to +80°C.

Application fields

- Finish for epoxy and polyurethane floorings.
- Anti-dust for concrete floorings (without humidity in counterthrust).

Application

SUPPORT PREPARATION
Support preparation is fundamental, thus the surface to be treated must be free of any pollutant, dry, coherent and must have a tear resistance of at least 1,5 MPa. In any case it is necessary, depending on the type of surface, to make a preparation of the flooring by sand-blasting, milling, shot peening, smoothing or sanding.
Free and stagnant water coming from the foundation, from previous washing processes or from meteorological events must be removed or dried.

PRODUCT PREPARATION
Two-component product to be mixed before use.

APPLICATION
Apply the product pure of thinned with 2-5 % DILUENTE PU1 by brush or roller.
For airless spray gun applications thin the product with 5 % DILUENTE PU1 and use 0,015-0,017 inches nozzles and 180 bar pressures.
Transparent ITALPAINT 78 can be applied with one layer with an interval of 24 to 48 hours max from the laying of the flooring.

TOOLS CLEANING
The tools must be cleaned with DILUENTE PU1 after use.

Technical specifications

Version	Glossy	Matt	-
Color	Transparent	Transparent matt	-
Density	1,02 ± 0,05 g/ml	1,02 ± 0,05 g/ml	UNI EN ISO 2811-1
Viscosity at 22°C	60 ± 10 seconds	110 ± 20 seconds	UNI EN ISO 2431 Cup Ø4
Pot life at 22°C	> 45 minutes	> 45 minutes	UNI EN ISO 9514
Mixing ratio **Parts by weight of comp. A** **Parts by weight of comp. B**	 100 36	 100 30	-
Theoretical consumption	100 g/m2	100 g/m2	-
Theoretical thickness	48 µm	51 µm	-
Non-volatile-matter content By weight **By volume**	 55 % 49 %	 54 % 52 %	EN ISO 3251
Hardening at 22°C 50% U.R	- Touch dry 4-6 hours - Overlaying 16 hours - Hardened deeply 24 hours - Walkable with care 72 hours - Complete hardening 10 days		
Bond strength	> 3,5 MPa	UNI EN 13892-8	
Impact resistance	20 N·m	UNI EN ISO 6272	
Slip/skid resistance **Dry**	 59	UNI EN 13036-4	
Wear resistance-BCA	< 50 µm	UNI EN 13892-4	
Abrasion resistance	< 120 mg	UNI EN ISO 5470-1 Wheel H22 1000 g, 1000 cycles	
Abrasion resistance	< 100 mg	ASTM D4060 Wheel CS10 1000 g, 1000 cycles	
Storage	The product in the original sealed packaging, stored in a dry and sheltered place at a temperature comprised between +5°C and +35°C, is preserved for 12 months.		

All data and prescription reported on the present data sheet are based on the best lab and practical experience and should anyhow be considered as indicative. Considering all different uses and the occurring of situations and conditions independent from MPM (substrate, climate conditions, technical management etc. Those who intend to use the product should verify whether it is suitable for the specific conditions in which it will be applied before starting. MPM's responsibility covers the quality and productions standards referring to the above listed data only. Data should also be verified for latest available version of data sheets which could be surpassed by a new version. Data may change any time without notice from MPM.