

TECHNICAL DATA SHEET

LINK3018
NEXT MILLENIUM OF SURFACE FINISHES

PLAINTOP

High gloss two-component floor coating



PRODUCT DESCRIPTION

High gloss transparent, two-component waterborne self-levelling epoxy resin based coating, solvent free and low yellowing. The product can be colored or it can be applied over the decorative finishes of the Adicolor line, or additionally mixed with glitters and other decorative elements to create highly artistic floors with a vitrified effect. It can also englobe 3D illustrations for unique aesthetic results.

INTENDED USE

Destination:

Interiors

Specific for:

Cement based surfaces, terracotta, ceramic, after applying a suitable primer.

Floors and horizontal surfaces

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish

Important: The surface on which to apply **PLAINTOP** must be perfectly dry and clean. Check with a **HYGROMETER** that the humidity of the support is less than 3%.

CEMENT BASED SURFACES

- Apply a coat of **AKRYFUND** primer and then **AKRYLINE** coating, following the instructions in the relative technical data sheets.

Additional information:

- The substrates must in every case be sound, dry and clean.
- Remove all possible traces of dust, dirt or other impurities before the application.
- The nature of the support can change the final appearance of product.

The information reported herein is the result of our best experience and technical knowledge to date and is given in good faith and for guidance only. ADICOLOR cannot be held responsible for the actual use of the product since the application is influenced by many factors and is carried out beyond our control. The data and information herein may be subject to changes, even without notice, as a result of any technical development.
This technical data sheet cancels and replaces any existing previous version.

INSTRUCTIONS FOR USE

Tools used for application








- Trowel (either smooth or notched)
- Bubble buster roller

The product can also be applied by pouring

APPLICATION METHOD

- Add the entire contents of **Part B** (catalyst) to the **PLAINTOP Part A** can while stirring at low speed with a mechanical mixer until the two components are completely blended together.
- Apply the product with a smooth or notched trowel to ensure even thickness. The thickness per coat can range from 1 to 3 mm.
- It is recommended to pass a bubble buster roller over the material immediately after having applied it in order to uniform the surface well and prevent the formation of air bubbles.
- Catalysis should be carried out by weight and not by volume. If it is not necessary to use the entire package, use an electronic scale to weigh the exact amount of product to be used.
Catalysis ratio: **PLAINTOP Part A** 100 + **PLAINTOP Part B** 50
- **PLAINTOP** can be tinted in one solid color or in several colors that can be applied together with a trowel using the "wet on wet" technique to achieve unique decorative effects.
- Glitter or pearlescent pigments can be added to the product in order to attain special reflecting shimmering finishes.
- You can also englobe other decorative elements in the coating. If these elements are of an organic nature, they must be treated beforehand and they must be completely free of water and any organic substances.
- To increase the wear resistance of the finish, we recommend applying a topcoat of **KLEARTOP** after 24 hours from application (consult the technical data sheet).

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m ² /ℓ per mm of coating thickness)		-	0.9 to 1.1
	Catalysis ratio			Plaintop Part A: 100 Plaintop Part B: 50
	Pot life		minutes	20 to 30
	Thinning (%)	-	-	Ready for use
	Drying time (at 25°C)	-	hours	12 to 24
	Recoat time	-	hours	24
	Density (kg/ℓ, ±0.05)	ISO 2811-1	at 20°C	1.080
•	Viscosity Brookfield (mPa·s)	ISO 2555	at 20°C	700 to 900
○	Compressive strength (MPa)	EN 13892-2	-	> 75
	Flexural strength (MPa)	EN 13892-2	-	> 90
	Adhesive force (MPa)	EN 13892-8	-	> 4
	Shore hardness D	EN ISO 868		80
	Wear resistance (µm)	EN 13892-4	-	< 50

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	Abrasive resistance (mg) Mole H22, 1000g, 1000 revolution)	EN ISO 5470-1	-	< 100
	Impact resistance (N·m)	EN ISO 6272	-	4
	Dry slip resistance	EN 13036-4	-	> 70
	Chemical resistance	EN 13529	Sodium hydroxide 20% class I and II Sulfuric acid 20% class I and II	
✓	Gloss (60°)	-	-	90 to 100

* the data herein reported refer to measurements made at the end of the production process.

TOOL CLEANING

- Clean working tools immediately after use with synthetic nitro based thinner.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process. This will also reduce the risk of eventual differences in tones.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

Colors available:

- Transparent High Gloss
- If the product needs to be tinted, the different colors can be created by the decorator before applying, using the colorants **ISTANT COLOUR**.
- **We recommend adding the colorants to part A before adding the catalyst.**
- If the product requires coloring, be sure to use product bases and colorants belonging to the same batch number for the same job to avoid slight variations in color from showing.
- When using multiple cans for the same job, we recommend to mix the relative products together before use. We also recommend to use products from the same batch numbers for the same application area.
- Colors can vary notably in relation to the application, the substrate, light reflectance and the environment.
- It is recommended to test and validate colors before carrying out the final job in order to avoid any disputes.

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