

TECHNICAL DATA SHEET

LINK3018
NEXT MILLENIUM OF SURFACE FINISHES

KLEARTOP

Two-component protective transparent finish



PRODUCT DESCRIPTION

KLEARTOP is a two-component, clear protective finish based on special water-dispersed polyacrylic resins. Being a catalyzed product, it ensures optimal strength with a high chemical and abrasion resistance.

CATAS certified food-grade product

INTENDED USE

Destination:

Interiors,
Exteriors (not directly exposed
to atmospheric agents)

Specific for:

Protective finishing over
AKRYLINE and **DEKORITE** systems,
but it can also be used as a protective
topcoat for ADICOLOR decorative effects

Floors and Walls

Important: For application over **VENETIAN FAUX**, please contact our technical support department

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 **KLEARTOP** must be perfectly dry and clean. Check with a **HYGROMETER** that the humidity of the support is less than 3%.

We recommend preparing **DEKORITE** or **AKRYLINE** surfaces by mechanical sanding with a mono-brush orbital sanding machine or a normal sander (according to the project) using 100-150 grit sandpaper then vacuuming away all the dust.

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.

INSTRUCTIONS FOR USE

Tools used for application

- Brush *
- Short-pile roller *
- Airless spraying equipment (with a 2 to 2.5 mm nozzle)










* For brush and roller applications, it is essential to use new or perfectly clean tools.

APPLICATION METHOD

Important: Be certain that the surface to be protected with KLEARTOP is perfectly dry, clean, free from traces of dust and anything else that can enter through open doors and windows, before and throughout the application and drying.

- The product consists of two components that must be carefully mixed at the time of use.
- Add the entire contents of **CATALFIN** to the **KLEARTOP** can and stir thoroughly until the two components are perfectly emulsified. Do not dilute the product.
- The catalysis ratio is calculated by weight and not by volume, so if the entire package will not be used, weigh exact quantities with an electronic scale to determine the appropriate amount of product.
Catalysis ratio: **KLEARTOP 100** + **CATALFIN 20**.
- Apply the first coat of **KLEARTOP** with a short-pile roller, brush, or airless spray and let dry for 4–6 hours.
- Check that the surface is completely dry and perfectly clean. Apply the second coat of **KLEARTOP** in the same way and let dry for another 4-6 hours.
- For the **KLEARTOP 100** high gloss version, a third coat can be applied for increased surface gloss.
- Important: if more than 24 hours pass between coats, it is necessary to sand the surface with 320 grit paper.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m ² /ℓ) (catalyzed product on smooth surfaces)	-	-	12 to 14 2 coats are always recommended for a good resistance
	Catalysis ratio	-	-	Kleartop: 100 Catalfin: 20
	Thinning (%)	-	-	Ready to use
	Drying time at 20°C and 45 to 65% relative humidity:			
	Dust free	-	minutes	30 to 45
	Recoat time	-	hours	4 to 6
	Walkable to light traffic	-	hours	24
	Walkable to heavy traffic	-	hours	48
	Totally dry	-	days	7
	Pot life	-	hours	3
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	1.050
	Viscosity Ford Cup 4 (s)	-	at 20°C	15 to 25
	Gloss (60°)	-	-	Kleartop 5: 3 to 7 Kleartop 30: 25 to 35 Kleartop 50: 45 to 55 gloss Kleartop 100: 85 to 100 gloss
	Solid contents by weight (% , ±1)	-	-	40

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

TOOL CLEANING

- Clean working tools immediately after use with soap and water.

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.
- 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.
- To clean **KLEARTOP**, simply wipe with a damp cloth and a neutral, non-aggressive detergent.

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:

- KLEARTOP 5: Transparent Matt
- KLEARTOP 30: Transparent Satin
- KLEARTOP 50: Transparent Semi-gloss
- KLEARTOP 100: Transparent High gloss