

TECHNICAL DATA SHEET

LINK3018
NEXT MILLENIUM OF SURFACE FINISHES

AKRYLINE

Wall and floor coating



PRODUCT DESCRIPTION

Ready-to-use, single-component, waterborne flooring and coating product. Thanks to its formulation based on polyacrylic resins and selected extenders, the product guarantees a very high resistant to mechanical stress and to compression.

INTENDED USE

Destination:

Interiors
Exteriors (not directly exposed to atmospheric agents)

Specific for:

Cement-based substrates, gypsum and plasterboard, terracotta, ceramic, MDF and / or composite materials, iron, PVC, stainless steel, galvanized metals, after adequate surface treatment

Floors and walls

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

- Apply one coat of **AKRYFUND** according to the instructions in the relative technical data sheet and the Application Method steps on this data sheet.

All holes and cracks must be repaired before proceeding to the application cycle.

Before applying the product over tiles with joints greater than 3 mm, we recommend leveling the joints by applying one coat of AKRYLINE GG. Once dry, apply AKRYFUND and the mesh.

Stable and state-of-the-art expansion joints may not be respected, while all structural joints must absolutely be considered and respected.

INSTRUCTIONS FOR USE

Tools used for application

- Flexible stainless-steel trowel
- Rotary orbital floor sanding machine
- Sandpaper discs (in 3 grades: 40-50, 60-80 and 100-150)
- Vacuum cleaner (professional type)

APPLICATION METHOD

DAY 1	Lay the first roll of fiberglass mesh over the perfectly clean, dry surface. Proceed by laying the following rolls adjacent to the previous ones, without overlapping and avoiding folds or creases in the mesh.
	Apply a coat of AKRYFUND by roller or by brush, distributing the product evenly and homogeneously on the surface. Allow to dry for 3 to 4 hours.
	Once completely dry, apply a coat of AKRYLINE GG (coarse grain) with either a metal or a plastic trowel, taking care to smooth-off all excess product.


DAY 2	Sand the surface with 40-50 grit sandpaper and then vacuum clean the dust.
	Check the evenness of the surface and apply a coat of AKRYLINE GM (medium grain) with the use of a metal trowel taking care to smooth-off all excess product.
	Allow to dry for 4-6 hours.
	NB: proceed with the following activities only if you also want to use AKRYLINE GF (fine grain), otherwise, go directly to the application of the KLEARTOP finish.
	When completely dry, sand down the surface with 60-80 grit sandpaper and vacuum clean away the dust. Check the evenness of the surface and apply a coat of AKRYLINE GF (fine grain) with the use of a metal trowel taking care to level off all excess product.

DAY 3	Sand down the surface with 100-150 grit sandpaper and vacuum clean away the dust.
	Add all the required quantity of CATALFIN to the KLEARTOP product while stirring with a mechanical mixer. Continue mixing until the two components are perfectly emulsified. Manual mixing alone may not be sufficient to achieve perfect blending of the two components.
	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. Catalysis ratio: KLEARTOP 100 + CATALFIN 20
	Apply the first coat of KLEARTOP with a short pile roller, by brush or by airless spraying equipment and allow to dry for 4-6 hours.
	Apply the second coat of KLEARTOP by short pile roller, brush or airless spraying and allow to dry.
	For the KLEARTOP 100 high gloss version, a third coat can be applied to increase the gloss of the surface.
	<u>Important:</u> in case more than 24 hours pass between coats, it will be necessary to sand the surface with 320 grit sandpaper.
	NB: for wall applications, KOVERWALL can be used as an alternative to KLEARTOP . Being a single-component product, it must not be catalyzed. The application steps to follow are the same as for KLEARTOP .

N.B. The system can also be applied to floors with an integrated heating system.
Do not apply on surfaces treated with elastomeric waterproofing products

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.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (kg/m ²)	-	-	<ul style="list-style-type: none"> ▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF 	1.5 to 1.7 0.5 to 0.6 0.3 to 0.4
	Thinning (%)	-	-	-	Ready to use
	Touch dry (at 25°C)	-	hours	<ul style="list-style-type: none"> ▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF 	3 to 4 2 to 3 2 to 3
	Recoat time	-	hours	<ul style="list-style-type: none"> ▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF 	12 3 to 4 3 to 4
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	<ul style="list-style-type: none"> ▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF 	1.640 1.680 1.600
•	Viscosity		at 20°C	-	Thixotropic paste
pH	pH value (±0.5)		-	-	8.5
	Solid contents by weight (% , ±1)		-	<ul style="list-style-type: none"> ▪ AKRYLINE GG ▪ AKRYLINE GM ▪ AKRYLINE GF 	80 80 70

* 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. 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:

- Neutral-grey Base

Product included in the Adicolor tinting system:

Reference color-guides	<ul style="list-style-type: none">▪ Adicolor fan-deck "Le sensazioni del colore"▪ NCS®▪ RAL®▪ The specific product catalogue/color-guide
------------------------	---

For pale, light colors, we recommend applying the product with a white plastic trowel.

- 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.
- The colors presented in our catalogues are for guidance only, even when true product applications are shown. Colors may 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.