

TECHNICAL DATA SHEET

LINK3018
NEXT MILLENIUM OF SURFACE FINISHES

METALGEL

Wall coating with metal powders



PRODUCT DESCRIPTION

Mono-component, waterborne wall coating, formulated with poly-acrylic resins, to be mixed with copper or zinc powder in order to reproduce the true natural effect of the chosen metal.

INTENDED USE

Destination:

Interiors

Specific for:

Cement based wall surfaces.
Other types of supports if
correctly prepared.

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

CEMENT BASED SURFACES

- **New unpainted surfaces** Clean the surface and remove all possible traces of dust or dirt. Treat the substrate with a priming coat of **AKRYFUND** following the instructions of the relative technical data sheet.
- **Previously painted surfaces:** Check that the state of the existing paintwork is in excellent condition. If the surface shows signs of defects, such as peeling or chalking, remove any loose parts that would compromise the correct adhesion of the product then proceed as indicated hereabove for **New unpainted surfaces**.

N.B. All holes and cracks must be repaired before proceeding with the application.

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

- Stainless steel trowel

APPLICATION METHOD









- Slowly add the **COPPER POWDER** or the **ZINC POWDER** content to the **METALGEL BASE**.

Mixing ratio 1:1

N.B. Mixing proportions are by weight and not by volume. In case it is not necessary to use the entire package, use an electronic scale to weigh the exact quantities required.

- Mix the two components using a mechanical mixer at low speed until they are completely blended together.
- Spread the first coat of the previously prepared product onto the well dried primed surface.
- After the first coat has dried, apply the second coat of product with the same procedure.
- Allow to dry completely (minimum 12 hours) then sand the surface first using type 500 grit paper then with type 800 grit.
- Clean away all traces of dust from the surface then apply two coats of KLEARTOP, clear protective finish, in the type of gloss desired.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m ² /ℓ)	-	-	0,4 to 0,5
	Thinning (%)	-	water	Ready to use
	Touch dry (at 25°C)	-	hours	4 to 6
	Totally dry	-	hours	12 to 24
	Recoat time	-	hours	3 to 5 (Sandable after 12 hours)
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	Metalgel Base: 1.000 Copper powder: 8.780 Zinc powder: 7.140
	Viscosity Brookfield (mPa·s)	ISO 2555	at 20°C	Metalgel Base: 12,000 to 14,000
pH	pH value (±0.5)	-	-	Metalgel Base: 8.5
	Solid contents by weight (% , ±1)	-	-	Metalgel Base: 16 Copper powder: 100 Zinc powder: 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 soap and water.

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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:

- Metalgel Base + Zinc powder
 - Metalgel Base + Copper powder
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- 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.