

Arterra Patiti Ultra-Fine



THINNING
0 %



COVERAGE
1,5-1,7kg/m²
for 2 layers



TOOLS
flat metal or
plastic trowel



DRYING
1 - 2 hours

Decorative, ready-to-use coating in pasty form, for microcement-style, ultra-fine finish, ideal for walls and floors

- » Contains nanotechnology additives
- » Ready-to-use (quick application)
- » Small application thickness (~1mm)
- » Water repellent and vapor-permeable
- » High mechanical strength & hardness
- » Excellent adhesion & abrasion resistance
- » Unique aesthetic ultra-fine finish
- » Long-lasting shade stability
- » Can be tinted in selected shades with KRAFT Inspired Color System
- » Indoor & outdoor usage

Arterra Patiti Ultra-Fine is a decorative, ready-to-use coating in pasty form, for microcement-style, ultra-fine finish, ideal for walls and floors. With advanced composition of acrylic resins enhanced with special nanotechnology

additives and aggregates of graded granulometry, that provides high mechanical strength, great surface hardness, excellent workability and unique, premium quality, aesthetic result.

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FIELD OF APPLICATION

Arterra Patiti Ultra-Fine is suitable for indoor and outdoor usage, as a decorative coating on: walls, floors, balconies, stairs, bathrooms, built-in structures such as wooden furniture, sinks, showers, benches, etc. Also, on surfaces made of concrete, plaster, dry construction systems, existing decorative tiles, marbles, mosaics, etc. Ideal for quick applications and renovations in

domestic sector, hotels, shops, etc. It is an easy and economical solution in cases of renovations, because of small application thickness (about 1mm) changes are not required to existing elements such as: replacement of doors, frames, electrical sockets, electrical switches, hydraulics, etc. minimizing the total cost of implementation.

TECHNICAL DATA

Density ISO2811 @25°C	1,70 g/mL(±0.1)
Viscosity (sp.7/50rpm)@ 25°C ISO 2555	25.000mPa.s (±5.000) @25°C
Consistency – Flow Table Haegermann EN1015	17cm (±1,5) @ 25°C
pH	8,8 (±0.5)
A/l (WB) Decorative effect coatings VOC Limit Value: 200g/L	Maximum content of VOC of the product in a ready to use condition: 29 g/L

ACCORDING TO EN1504-2

Adhesion strength EN1542	>1,0 N/mm ²
Capillary Absorption and permeability to water Water EN1062-3	w < 0.1 kg/m ² · h ^{0.5}
Permeability to Water Vapour ISO7783	>150 g/(m ² .d)
Reaction to Fire EN13501-1	E

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DIRECTIONS FOR USE

1.SUBSTRATE - PREPARATION: The application substrate of the decorative microcement-style system **Arterra Patiti**, must be: even, clean, solid, free from standing water, dust, oil, lime, tar and loose elements that can affect adhesion. For any necessary repairs use the appropriate products by **KRAFT Paints**. In cases where it is necessary to level the surface (up to 10mm per layer), it is recommended to apply the polymer modified fiber reinforced cement mortar, enhanced with carbon fibers, **Arterra Patiti Level Base** with simultaneous embedding of anti-alkali glass mesh 160 g/m² **Clima Net 160**.

On absorbent surfaces such as: cement mortars, plasters, renders, gypsum boards, cement boards, etc. the application of the hybrid polyurethane primer **Arterra Patiti Nano-Hybrid** is required to stabilize and regulate the absorbency of the substrate. On non-absorbent surfaces such as: existing and well-anchored decorative coverings (tiles, marbles, stones, mosaics), painted surfaces, old decorative coatings, etc. the application of acrylic granulated quartz primer, **Arterra Patiti Quartz Primer** is required in order to enhance the adhesion of the overlying layers. High attention is recommended to the protection of the system from any moisture penetration behind the application substrate (negative pressure), in indicative areas such as: balconies, gardens, outdoor floors, outdoor corridors, bathrooms, etc.

IMPORTANT NOTES

Do not apply at temperatures below 5°C and above 35°C as well as at humidity levels above 65%. Do not apply in case of frost forecast for at least next 24 hours after application. Do not apply in case of impending rain or in direct intense sunlight and wind currents. Surfaces must be protected from the sun, wind and rain with special protective covers.

Ensure that the application substrate does not contain or may

For this reason, before installation where necessary, apply first the appropriate type of the cementitious waterproofing solutions, **Hydroguard Systems** by **KRAFT Paints**, depending on technical specifications.

2. MIXING: The product does not require addition of mixing water. Stir the product before use with a low speed mechanical drill to homogenize.

3. APPLICATION: Apply the **Arterra Patiti Ultra-Fine**, using a flat metal or plastic trowel, at a thickness of approximately 0.5mm per layer. It is recommended to apply a 2nd layer (after the previous one has dried) in order to achieve the necessary mechanical strength and to give the desired aesthetic result. After applying the last layer and before it dries, create the desired aesthetic pattern with the appropriate movements and pressure of the trowel. In this way the surface is formed with the desired roughness & style that the **Arterra Patiti** system uniquely provides. After the last layer has dried, the surface can be lightly sanded and dusted off to correct minor imperfections, if this is aesthetically desirable.

4.CLEANING: Immediately after the application the tools must be cleaned with warm water and soap or a detergent solution. Remove as much material as possible from tools before cleaning.

not appear moisture and in any case before application check that the moisture percentage is <4%. Where moisture protection is required (e.g. balconies, gardens, outdoor floors, outdoor corridors, bathrooms, etc.) before installation, where necessary, apply first the appropriate type of the cementitious waterproofing solutions, **Hydroguard Systems** by **KRAFT Paints**, depending on technical specifications.

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Any existing expansion joints of the substrate are maintained and new ones are created at the application limits (perimeter) and wherever else necessary, depending on the area, shape, location (indoor or outdoor) and other technical characteristics of the surface (indicatively: every 50m² indoors or 25-30m² outdoors). It is not recommended for use directly on anhydride substrates, and on surfaces subject to very high dynamic stresses.

Surface drying time 1-2 hours at 25°C and 50% relative humidity. Apply the next layer after 4 - 24 hours, depending on temperature and relative humidity. Complete curing time, 4-7 days at 25°C

CONSUMPTION

The consumption of **Arterra Patiti Ultra-Fine** is about 1,5-1,7 Kg/m² (for 2 layers).

 1020	Druckfarben Hellas S.A. Megaridos Ave., Kallistiri area, GR-19300 Aspropyrgos, Greece	
	23 DoP No 04.31 ARTERRA PATITI Fine/ Ultra-Fine, Grey / White EN 1504-2:2004 Coating (C) for surface protection of concrete structures according to principles 2 (MC) and 8 (IR)	
Reaction to fire	E	
Permeability to Water Vapour	Class I	
Capillary Absorption and permeability to water	w < 0.1 kg / m ² · h ^{0.5}	
Adhesion strength by pull-off test	≥ 1.0 N/mm ²	
Dangerous substances	See SDS	

and 50% relative humidity. Drying times are prolonged at lower temperatures and higher relative humidity.

It is possible that selected shades of decorative coating may appear aesthetically «darker», slightly or more, after the final application of protective varnishes. For this reason, it is recommended to apply the hybrid polyurethane primer **Arterra Patiti Nano-Hybrid** in order to stabilize the surface and regulate its absorbency.

For more information, please refer to the **Arterra Patiti** decorative system Application Guide.

PACKAGING – SHADES

The product is available in 5Kg and 15Kg plastic containers in White base and ready-made grey shade (RAL 7040).

It could be tinted with **KRAFT Inspired Color System**.

STORAGE

Store the product at temperatures between 5°C and 35°C away from direct sunlight and rain, for a maximum of 24 months from the date of production. Keep containers tightly closed when not in use.

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Carefully read and follow all cautions and warnings on product label. For further information refer to the Safety Data Sheet for this product.

Poison Centre Telephone:
+30 210 7793777

12/2023 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS

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DISCLAIMER: The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.kraftpaints.com, as well as after contacting the technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable failures after using the product.

