

Arterra Patiti Level Base



THINNING
6 - 6,5
lt/25kg



CONSUMPTION
1,5 kg/m²/mm



TOOLS
metal spatula



SURFACE DRYING
4 hours

Polymer-modified, fiber-reinforced, cement-based, leveling and repairing mortar

- » Excellent adhesion to the substrate
- » Natural recycled raw materials (Recycled Green Technology)
- » Excellent workability
- » High surface mechanical strength
- » Zero shrinkage & dehydration cracks

- » Resistant to temperature changes
- » Non-corrosive (free of chlorine ions and lime)
- » Fine-grained finish
- » Indoor and outdoor usage

Arterra Patiti Level Base is a polymer-modified, fiber-reinforced, cement-based, leveling and repairing mortar. It offers characteristic workability, high flexibility & surface hardness. Its new technology composition is double reinforced with polypropylene

& carbon fibers and also contains natural hydraulic recycled binders (Recycled Green Technology). It is classified as leveling mortar **CT-C25-F8** according to **EN 13813** and as concrete repairing mortar **PCC R2** according to **EN 1504-3 & EN 1504-9:2008**.

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FIELD OF APPLICATION

Arterra Patiti Level Base is part of decorative system of micro-cement-style finish, as leveling and surface reinforcing material for substrates such as: cement mortars, concrete, renders, dry construction systems, existing decorative overlays (e.g. tiles,

mosaics, marbles, microcement-style systems etc.). Suitable for non-structural repairs of concrete and renders. Suitable for indoor and outdoor usage.

TECHNICAL DATA

(Measurement conditions 20°C and 50% Relative humidity)

Color	White
Water ratio	6,0 l water in 25kg Arterra Patiti Level Base
Maximum grain size	800µm
Bulk density of dry mortar	1.45±0,05kg/l
Bulk density of fresh mortar	2.00±0,05kg/l
Application temperature	From +5°C to +35°C
Application thickness	2-10 mm per coat
Pot life	3hours
Consumption	1.5 kg/m ² /mm

PRODUCT PERFORMANCES

Compressive strength EN 12190/ EN 13892-2	≥ 25 MPa
Flexural strength EN 13892-2	≥ 8 MPa
Chloride ion content EN 1015-17	≤ 0,05%
Adhesive bond EN 1542	≥ 1,00 MPa
Thermal compatibility Part-1, EN 13687-1	≥ 1,00 MPa
Capillary absorption 13057	c ≤ 0,50kg ·m ⁻² ·min ^{-0,5}
Reaction to fire EN 13501-1	pending

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DIRECTIONS FOR USE

1. SUBSTRATE - PREPARATION: To ensure good adhesion substrate should be sound, clean, rough, free of dust, oil, lime, tar and loose elements.

On absorbent substrates light soaking with water before use. On substrates with very high absorbency (eg dry walls, aerated concrete, old plasters/renders, etc.) it is recommended to apply **Arterra Patiti Nano-Hybrid Primer** by **KRAFT PAINTS**. Caution! The primer must properly be diluted in order to be completely absorbed and avoid film formation on the substrate surface.

On non-absorbent substrates (e.g. tiles, mosaic etc.) prime using acrylic granulated primer **Arterra Patiti Quartz Primer** by **KRAFT Paints**.

2. MIXING: In a clean container add 6 – 6,5 liters of pure water and gradually empty the content of a 25Kg bag of **Arterra Patiti Level Base**, while stirring constantly with a low-speed electric mixer. Mixing must be done carefully so that no amount of product remains on the walls or bottom of the container. The product is ready for use when the mixture becomes homogeneous without lumps.

3. APPLICATION: The application of **Arterra Patiti Level Base** to the substrate is carried out using a metal spatula while simultaneously embedding an anti-alkali glass mesh, Clima Net 160, in a thickness of 2-10mm/layer. Make sure that the glass mesh is placed approximately in the upper 1/3 of the thickness of the material and that its strips overlap each other by 10cm. After application, it is recommended to sand the surface using suitable sandpaper, so that the surface is as flat as possible, since this serves the final aesthetic result of the technique. Subsequent coating layers of other materials follow after the surface has dried thoroughly, typically between 2-7 days, depending on thickness and application conditions (approx. 1 day/mm thickness). For more information, please refer to the **Arterra Patiti Application Guide**.

4. CLEANING OF TOOLS: Tools should be cleaned immediately after application with plenty of water while the material is still fresh or otherwise mechanically. Remove as much material as possible from tools before cleaning.

IMPORTANT NOTES

Do not apply at temperatures below +5°C and above +35°C as well as at relative humidity above 65%.

Do not apply in case of impending rain for at least the next 24 hours after application.

It is recommended to protect the surfaces against strong wind currents and direct sunlight.

In periods of high temperatures (warm months) light wetting of the final surface is recommended for 24 - 48 hours after application.

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CONSUMPTION

Consumption is about 1,5 Kg/m²/mm. It depends on the type of substrate, the method, the tools and the application conditions.

		Druckfarben Hellas S.A. Megaridos Ave., Kallistiri area, GR-19300 Aspropyrgos, Greece
23 DoP No 05.22 Arterra Patiti Level-Base EN 1504-3 Concrete repair product for non-structural repair PCC mortar, Class R2		
Reaction to fire	Pending	
Compressive strength	Class R2	
Chloride ion content	≤ 0.05 %	
Adhesive bond	≥ 0.8 MPa	
Thermal compatibility (Part 1, Freeze-Thaw)	≥ 0.8 MPa	
Capillary absorption	≤ 0.5 kg·m ⁻² ·h ^{-0.5}	
Dangerous substances	comply with 5.4	

		Druckfarben Hellas S.A. Megaridos Ave., Kallistiri area, GR-19300 Aspropyrgos, Greece
23 DoP No 05.23 Arterra Patiti Level-Base EN 13813:2002 Cementitious screed material for use internally in buildings (CT-C25-F8)		
Reaction to fire	Pending	
Release of Corrosive Substances	CT	
Water Permeability	NPD	
Water Vapour Permeability	NPD	
Compressive Strength	C25	
Flexural Strength	F8	
Wear Resistance	NPD	
Sound Insulation	NPD	
Sound Absorption	NPD	
Thermal Resistance	NPD	
Chemical Resistance	NPD	
Release of Dangerous Substances	See SDS	

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.

DRUCKFARBEN HELLAS S.A.

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www.druckfarbengroup.com | www.kraftpaints.com

PACKAGING – SHADES

The product is packaged in 25Kg valve paper bags in White shade.

STORAGE

Stored on wooden palettes and in a dry environment with temperature above 5°C for 12 months from the production date.

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



Toll-free number

800 111 7700 Monday - Friday, 8.00 am - 04.00 pm
 e-mail: paints.orders@druckfarben.gr