

Floorshield



THINNING
10 - 20%



COVERAGE
10 - 12m²/L



APPLICATION
brush or roller



DRYING
~30 min

Acrylic polyurethane
waterbased floor paint

» Direct application on cementitious floors

Innovative technology one-component polyurethane acrylic hybrid waterborne paint for interior and exterior floors of mild stress. Ideal for use on smooth concrete surfaces such as warehouses, industrial floors, domestic garages, yards, etc. It dries quickly and due to its modification with nanotechnology, it acquires excellent hardening, making it resistant to walking in a short period of time. It exhibits strong adhesion, resistance to weather conditions and washing with cleaning agents, very good resistance to wear and impact. It has a mild odor; high coverage and it is easy to apply providing a uniform satin finish.

One-pack performance coatings A(i) (WB).

- VOC Limit Value: 140g/L.
- Maximum content of VOC of the product in its ready to use condition: 139 g/L

» Resistance to wear and weather conditions

» High hardness

TECHNICAL DATA

Binder Type	Ac/PU
Density ISO 2811 @ 25°C	1,16 g/mL(±0,05)*
Solids Content w/w ISO 3251-03	49% (±4)
Viscosity ASTM D 562 @ 25°C	110 KU (±15)
Gloss Level 60° ISO 2813	15 GU (±7)
pH	9,0 (±0,4)
Hardness Pendulum König ISO 1522	117sec (±15) (7days@ 100 WFT)
Coverage per coat	10 - 12 m ² /L**
Recommended dry film thickness (2 coats)	75µm (±5)

* Depending on the tinting base

** Depending on the shade, the application method and the surface absorption

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SURFACE PREPARATION

To ensure good adhesion, the surface must be smooth, dry, clean and free of dust, grease, residues, blistered paint or varnish etc.

- » **On surfaces that need repair:** use the appropriate KRAFT repair material.
- » **On new smooth cement/concrete surfaces,** directly apply 2 coats of KRAFT FLOORSHIELD after applying the first coat thinned 15-20%.
- » **On already painted** but stable surfaces with epoxy, polyurethane, chlorinated rubber or acrylic paint, directly apply 2 coats of KRAFT FLOORSHIELD after first applying the first coat diluted 15-20%.
- » On surfaces subject to **greater load**, eg domestic garages, or surfaces with more difficult adhesion such as mosaic or asphalt or high absorbency, apply 24 hours before KRAFT EPOXY FLOOR PRIMER (TR).

APPLICATION INSTRUCTIONS

- » Avoid applying in case of expected rain in the next 2 days.
- » The product shall be tinted with KRAFT INSPIRED COLOR tinting system to thousand shades.
- » Before start painting, dilute the paint by adding 10-15% by volume tap water and stir well. In case of direct application, dilute 15-20% for the first coat.
- » Suitable application tool: Brush or roller.
- » Apply 2 coats of KRAFT FLOORSHIELD
- » Minimum recoating time: 5 – 6 hours.
- » Drying time approx.30 mins at 25°C and RH 50% (drying times are longer in wet / cold conditions)
- » Avoid application at temperatures below 5°C or greater than 35°C and relative humidity greater than 60%.

AFTER USE INSTRUCTIONS

- » Close the bucket well to maintain in good condition for future use. Store before and after opening in a cool place and away from sunlight, frost conditions and humidity.
- » Immediately clean tools with warm water and detergent.
- » The painted surface can be used within 48 hours after drying.

PACKAGING

Available in satin grey RAL7040 in white tintable base and in bases D & A in 0,75L, 3L και 10L canisters.


HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Read label before use. For further information please consult the Material Safety Data sheet.
Poison Centre Telephone:

+30 210 7793 777

STORAGE

Store the product before and after opening at temperatures between 5°C to 35°C & humidity no more than 60% for maximum 24 months from the date of production. Keep containers tightly closed when not in use.

 1871 / 1301	DRUCKFARBEN HELLAS SA Megaridos Ave., Kallistiri area, GR-19300 Aspropyrgos, Greece
22 DoP No 04.03 FloorShield White/Grey EN 1504-2:2004 Coating (C) for surface protection of concrete structures according to principles 1(PI), 2 (MC) and 8 (IR)	
Reaction to fire	Efl
Permeability to CO ₂	s _D > 50 m
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	≥ 1.5 N/mm ²
Dangerous substances	see SDS

 1871 / 1301	DRUCKFARBEN HELLAS SA Megaridos Ave., Kallistiri area, GR-19300 Aspropyrgos, Greece
22 DoP No 04.02 FloorShield White/Grey EN 13813:2002 Synthetic resin screed material for use internally in buildings (SR B2,0-AR0,5-IR 4)	
Reaction to Fire	Class Efl
Release of Corrosive Substances	SR
Water Permeability	NPD
Wear Resistance (BCA)	AR0,5
Bond Strength	B2,0
Impact Resistance	IR 4
Impact Sound Insulation	NPD
Sound Absorption	NPD
Thermal Resistance	NPD
Chemical Resistance	NPD
Release of Dangerous Substances	See SDS

03/23 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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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.gr, 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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