

ExperFloor CP 18

COLOR OPTIONS: Transparent**3**

±%2 KG

Packaging Options

15 kg/metal packaging

3 kg/metal packaging

1 kg/metal packaging



THERMOPLASTIC ACRYLIC RESIN BASED, TRANSPARENT CONCRETE PROTECTION VARNISH WITH HIGH ABRASION AND UV RESISTANCE

Thermoplastic acrylic resin and solvent based, transparent concrete protection varnish with high abrasion and UV resistance that penetrates weak and dusting concrete surfaces.

**Easy To Apply****Crack Bridging
Properties****Provides High
Bonding****Hydrophobic**

TECHNICAL SPECIFICATIONS

Chemical Structure	Acrylic Resin Based
Mixture Density	0,95 gr/cm ³ (± 0,05)
Viscosity	100-150 mPa.s
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Abrasion Resistance	7 days: <60 mg (CS 10/1000/1000) (ASTM D4060-14)
Full Curing Time	5 days

All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

ADVANTAGES

- Low viscosity.
- Shiny and transparent.
- Easy to apply.
- High yellowing and adhesion resistance.
- Increases surface abrasion resistance and prevents dusting.
- Makes the floor water impermeable and increases its resistance to dirt retention.
- Protects the surface against atmospheric influences.
- Covers static cracks.
- Provides a smooth and shiny surface.
- Liquid impermeable.
- Resistant to mechanical loads, abrasion and chemicals.

SCOPE OF APPLICATION

- Indoors and outdoors,
- Mineral surfaces based on concrete, natural stone, and all cement based building elements,
- Materials such as metal, glass and wood,
- Floors and facades of factories, production facilities, warehouses and workshops
- Surfaces of offices, museums, concert and exhibition halls,

Used as a transparent topcoat paint and coating material with a semi-matte appearance.

Floor Systems

605001

GÜVEN MADENCİLİK İNŞAAT SAN. ve TİC. A.Ş.

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Technical Information Form

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- The floor temperature must be not less than +5°C and at least +3°C above the condensation point.
- The air temperature should be between +5°C and +35°C during application.
- Relative humidity should not be more than 80% and the surface temperature should be between +5°C and +35°C.
- It should not be applied on wet, high humidity or frozen surfaces.

SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Air voids should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents and then the surface should be cleaned once more with a water jet. Any puddles remaining on the surface should be removed with vacuum cleaners.
- On industrial floors, the cleaned surface should be prepared with a suitable mechanical blasting method such as grinder, sandblasting or sanding and a rough surface should be obtained. The dust layer formed after mechanical cleaning should be vacuumed with industrial vacuum cleaners.
- If there is any doubt about the surface, a trial application should be made.

APPLICATION DETAILS

- ExperProof CP 18 is single component and ready to use. The product is applied to the surface with airless gun, roller or brush.
- It should be ensured that the surface is completely covered and a non-porous coat is formed. If necessary, two coats should be applied.
- Waiting time between floors is at least 1 hour at +23°C.

WARNINGS

- Do not apply in weather conditions below +5°C, above +35°C, in rainy and/or windy weather.
- The treated surface should be protected from rain and direct water for at least 6 hours after application.
- No fillers, thinners and similar foreign substances should be added to the product.
- Since the product is solvent based, make sure that the environment is protected from factors that may cause fire and sparks.

CONSUMPTION

- 0,100-0,200 kg/m² - Single coat brush and roller applications.

EQUIPMENT CLEANING

- Equipment should be cleaned with solvent immediately after use. Cured material can only be removed by mechanical means.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original packaging, in a dry environment, protected from frost, between +10°C and +30°C. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under appropriate storage conditions is 12 months for component A and 9 months for component B from the date of manufacture. Products in opened packages should be stored under appropriate storage conditions and consumed within 1 week at the latest.

SAFETY PRECAUTIONS

During its use, work clothes, protective gloves and masks should be used in accordance with the Occupational and Occupational Health rules. Uncured material may have an irritating effect. For this reason, contact with eyes, mouth and skin should be avoided and the contact area should be washed with plenty of water.

In more dangerous situations or if the product is swallowed, a specialist should be consulted immediately. Food and beverages should not be brought into the application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (MSDS) should be consulted.

RESPONSIBILITY

Güven Madencilik İnş. San. ve Tic. A.Ş. is only responsible for the quality of EXPERAS branded products. All presented data have been created as a result of practical and scientific studies. The manufacturer cannot be held responsible except for the use of the right products in appropriate areas and conditions.

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LEGAL NOTES

The information and usage recommendations regarding EXPERAS branded products are presented in good faith in the direction of technical knowledge and experience, provided that they are kept and intervened under normal conditions and in accordance with the recommendations. Along with the products, areas of use and surfaces can differ a lot. It is necessary to ensure that the right EXPERAS branded products are applied on the appropriate ground and conditions. In addition, all information and instructions given on commercial factors and technical compliance must be strictly followed. The manufacturer cannot be held responsible for any damage or problem that may occur if it is not complied with. The applier/user is responsible for making the relevant checks to ensure these details. The specifications of EXPERAS branded products can be changed when necessary. The property rights of third parties must be respected. When the purchase order is confirmed, all technical conditions in terms of sales and shipping are essential.

REFERENCE STANDARDS: TS EN1504-2

HEADQUARTER:
Ege Perla B Kule Kat: 23 No: 231/232
Konak - İzmir / Türkiye
T: +90 (232) 422 03 93

FACTORY:
Salihli OSB 302 Caddesi No: 2
Salihli - Manisa / Türkiye
T: +90 (276) 234 00 15

NETHERLANDS SALES OFFICE
EXPERAS B.V.
Gouke Boelensstraat 120 9203 RS Drachten

UK OFFICE:
Okka Global LTD, 62 Malvern House,
2 Palmer Road, SW11 4GJ, London / England
T: +44 (7880) 802 123

www.experas.com

info@experas.com

experas

@experas

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PERFECT SOLUTIONS

