

ARSET KÜR P

CONCRETE CURING AGENT

Product Definition

ARSET KÜR P, is a ready to use, easily applied, emulsified paraffin based curing compound that prevents fast dehydration of concrete.

Technical Properties

Chemical base	Emulsified Paraffin
Color, Appearance	White liquid
Density	0,96 ± 0,02 g/cm ³
Compliance with Standards	TS EN 934-2

Advantages

- Prevents evaporation of water needed for hydration of the cement in the concrete.
- Minimizes shrinkage.
- Decreases the cracking causes by plastic shrinkage.
- Helps the concrete reach its maximum strength.
- Decreases dusting on the surface.
- Increases frost resistance.
- By replacing the traditional and inconvenient curing methods, provides ease of application and saves time.

Uses

- Highways
- Industrial floors
- Terraces
- Slope walls
- Prestressed concrete beams and piles
- Irrigation channels
- Wide and open concrete surfaces
- Concrete productions in need of curing

Consumption Dosage

ARSET KÜR P consumption depends on the wind, moisture and heat conditions of the application area. Generally, the usage ratio is 0,15-0,20 kg/m².

Method of Application

ARSET KÜR P is a ready to use product. **ARSET KÜR P** is sprayed over the freshly poured concrete like a layer of film to prevent fast dehydration. It helps the concrete to be cured and to reach its maximum performance without affecting normal setting reactions.

It is developed to be sprayed continually to create a thin film layer by a hand gun or compressor air spraying machine. The right spraying equipment should be chosen by testing.

admixtures. Laboratory tests should be carried out before use.

- Arstep/ Arstep Extra / Degaset Series
- Arset Air
- Arset Proof

Method of Application-(cont.)

The **ARSET KÜR P** applied area must be left to dry completely for at least 3 hours and should be protected from rain and from being walked on.

Surface conditions: Application on horizontal surfaces must be made right after the end of bleeding of concrete and the completion of float finishing. Depending on the ambient temperature, you should wait between half an hour and 2 hours. Application on vertical surfaces must be made after molding of concrete. Before application to the whole surface, trial application can be made at a smaller surface.

Packaging

- 25 kg plastic drum / 200 kg drum / 1000 kg container

Storage and Shelf Life

Must be stored at temperatures between +5°C and +35°C. Under proper storing conditions, the product's shelf life is 6 months from production date if kept in original packaging unopened and undamaged. Packaged products must be shaken before use.

Warning

Must be applied over +5°C temperature. Shake before use.

ARSET KÜR P applied surfaces, must be free of other surface coating and protection materials. The film layer on the surface must be removed before any application of plaster and screed.

ARSET KÜR P applied surface, can be cleaned by spraying or scrubbing with hot water (can contain detergent).

By reducing water evaporation, **ARSET KÜR P** will help prevent plastic shrinkage cracks that might form. The curing material will not be effective for the crack formations created by long term drying shrinkage. Standard concrete application methods such as shrinkage control joints and structural shrinkage regulation must be followed.

Safety Measures

Use protective clothes, gloves, glasses and mask compatible with health and safety regulations during the application. Avoid direct contact with eyes and skin during storing and application, in case of contact wash off thoroughly with soap and water, if ingested seek medical attention immediately. Store away from all foodstuffs. Keep away from children. For detailed safety information please consult the product's Material Safety Data Sheet.

Responsibility: The information given in this technical data sheet is based on the applications carried out in our field of production and latest technological developments. **YAPICHEM KİMYA SAN. A.Ş.** is only responsible for the quality of product. **YAPICHEM KİMYA SAN. A.Ş.** cannot be responsible for the results due to the wrong use of the product and/or apart from the written recommendations regarding the area of use and application method. This technical data sheet makes the prior issues void.