

# INNO-CARE HYDROCURE FR 761

## Hydrocarbon Resin Based, Concrete Curing Material

### Description

**HYDROCURE FR 761**, is hydrocarbon resin based, contains solvent, curing material applied on newly poured concrete and screed, provide maximum development resistance with formend film layer by keeping water inside and it declines the shrinkage by prevent drying fast.

### Fields of Application

- All kinds of field concretes,
- Concrete pavement and road applications,
- flume and canal concretes,
- Surface hardener applications,
- All kinds of reinforced concrete building elements,
- Used in screed applications.

### Advantages

- Ready to use,
- It can be applied to all kinds of concrete surfaces,
- Reduces shrinkage cracks caused by rapid water loss on the surface,
- Provides a harder surface,
- It provides more effective curing compared to paraffin based cures,
- It is simple to apply, reduces labor costs,
- Irrigation and so on. is more practical than curing methods,
- Used when irrigation is not possible.

### Technical Data

Structure of Material	Hydrocarbon resin based
Density	0,87 – 0,89 kg/ lt
Color	Transparent Amber
Flash Point	+88°C
Dried Film Appearance	Transparent, smooth film
Water retention ASTM C 156	passed
Water retention After 72 hours ASTM C 309	Max. 0,55 kg/m <sup>2</sup>
Drying Time	45 minute

Yukandaki değerler +23°C'de ve %50 bağıl nem için verilmiştir. Yüksek sıcaklıklar süreyi kısaltır, düşük sıcaklıklar süreyi uzatır.

### Application Procedure

**HYDROCURE FR 761** should be applied homogenously on freshly poured concrete or screed by spraying or by roller. **HYDROCURE FR 761** is applied to the gauged surfaces of field, road and floor concretes and to the surfaces of molded concretes that have lost their gloss after the molds are removed.

### Consumption

The average consumption of **HYDROCURE FR 761** is 0.16 - 0.19 kg / m<sup>2</sup>. To ensure effective curing outdoors and in windy environments, the consumption of **HYDROCURE FR 761** can be increased to 0.30 kg / m<sup>2</sup>.

### Points to be considered

It is recommended to apply **HYDROCURE FR 761** by spraying on concrete surface in order to obtain a uniform structure.

- Effect duration of **applied HYDROCURE FR 761**; depending on film thickness, weather conditions, UV exposure and the condition of the concrete surface.
- If **HYDROCURE FR 761** is considered to be applied to the applied surfaces, the curing surface should be cleaned by washing with solvent or by mechanical abrasion methods.
- Apply **HYDROCURE FR 761** in a thin layer with a roller. By distributing the material in a balanced way, ponding should not be allowed.
- In non-homogeneous applications, regional color differences may occur. Regional color differences will decrease in the days following the application.
- **HYDROCURE FR 761** abrades the surface over time due to traffic and wear on it.
- **HYDROCURE FR 761** contains solvent. It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated.

### Package

20 kg bottle  
165 kg barrel

### Shelf Life

Shelf life is 12 months from the date of production when stored properly at +5 °C to +30 °C at room temperature, away from direct sunlight.

### Storage

The product should be stored in its original package, in a cool and dry place protected from frost. For short term storage, maximum 3 palettes should be placed on top of each other and the shipment should be made on a 'first come, first go' basis. Palettes should not be placed on top of each other during long term storage

### Health and Safety Precautions

It is dangerous to approach the application sites with fire. Fresh air should be circulated in the storage and the application sites. During the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children.

For detailed information please consult the Material Safety Data Sheet.

### Disclaimer

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. SARTECH Yapı Malzemeleri San. Tic. Ltd Şti. is only responsible for the quality of the product. SARTECH Yapı Malzemeleri San. Tic. Ltd Şti. is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones.