

Mold Release Agents and Curing Compounds / Curing Compounds**KURFIX® 300**

Solvent Based Curing Compound

DESCRIPTION

Transparent amber-yellow, **hydrocarbon resin** based, solventborne liquid **curing compound** that prevents quick loss of water from the concrete. Forms a film layer which reduces shrinkage cracks on the surface by preventing the water inside the fresh concrete from evaporating.

APPLICATION AREAS

- Indoor and outdoor
- All vertical and horizontal concrete surfaces
- Right after fresh concrete and surface hardener applications
- Concrete applications where the air flow and evaporation is high and the moisture is low
- Surfaces which will later be covered with paint, ceramics, epoxy etc.
- Airport and field concrete
- Concrete roads and bridges
- Canals and dams
- Retaining walls.

TECHNICAL PROPERTIES

Appearance	Transparent amber yellow colored liquid
Appearance After the Application	Smooth, transparent film
Liquid Density	~ 0.90 kg/L (20°C)
Drying Time	40 minutes (ASTM C 309)
Flash Point	+80°C

ADVANTAGES

- Increases the resistance of concrete
- Prevents shrinkage cracks on the concrete surface caused by fast drying during curing
- Has water repellent property
- More effective than other curing methods such as sack or canvas laying or watering
- Provides a more effective curing than the paraffin and acrylic based curing compounds.

CONSUMPTION

150 - 180 g/m² (Varies depending on the absorption and roughness of the concrete surface.)

PACKAGING

15 kg tin cans, 30 kg plastic jerry cans and 180 kg barrels

APPLICATION**PREPARATION OF THE SURFACE**

Apply directly on fresh concrete or surface hardeners applied to fresh concrete with brush, roller or pressure spray equipment. However, in order not to damage the surface, the concrete must be **sufficiently** set.

APPLICATION

- In molded applications, apply by spraying as soon as the surface starts to lose its first shine (when the surface water starts to evaporate) on the fresh concrete before the joint formation, immediately after removing the molds, or with a brush or roller in such a way that there is no accumulation on the surface.
- Use a soft short-bristled brush on the wall, and a soft brush or roller on the floor.
- Apply to the surface as a thin layer of equal thickness.
- Dries in approximately 2 hours (+20°C).

CAUTION

- Contains solvent, flammable
- Immediately after the outdoor applications, protect the concrete surface against factors such as snow and rain for 2-3 hours. At the end of this period, the curing material is not affected by external factors.
- Do not dilute
- Do not apply on wet surfaces
- Do not apply on non-porous, non-aborbent and glazed surfaces
- Ensure air circulation during application
- If there are high thickness differences in the application, stain formation may occur.

SHELF LIFE

Expires in 12 months. Store unopened packages in a closed environment which is not extremely hot. Shake well before use.

HEALTH AND SAFETY

As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Do not approach with an open flame and do not smoke during application. Use only in sufficiently ventilated areas. Do not leave the cover open. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Yapı Chemicals San. Trade Ltd. Sti. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.