



# INTERCURE FL (DURACURE)

ACRYLIC EMULSION BASED, SEMI-GLOSSY, CONCRETE CURING AND SURFACE PROTECTION COMPOUND

- Produces semi-glossy surfaces
- Prevents quick dry-out
- Provides homogenous setting, helps achieve intended strength
- Reduces plastic shrinkage cracks

## DESCRIPTION

**INTERCURE FL** is an acrylic emulsion based, semi glossy, curing and surface protection compound which forms a protective film layer on the application surface.

**INTERCURE FL** enhances strength development of the concrete, reduces shrinkage cracks and prevents fast dry-out.

## TYPICAL APPLICATIONS

- Internal and external applications,
- On fresh screed, concrete and floor hardeners,
- Airports,
- Residences,
- Shopping malls,
- Terraces,
- Irrigation channels.

## ADVANTAGES

- More effective and economical than conventional methods like water curing, wet covering or membrane curing.
- Minimizes water/moisture loss during setting and helps achieve intended strength values through sealing surface pores with a film layer.
- Prevents plastic shrinkage cracks.
- Reduces dusting by enhancing abrasion resistance of the application surface.
- Does not peel off.
- Does not contain solvents; safe for indoor use.
- Easy to use.
- Produces semi-glossy surfaces.

## TECHNICAL PROPERTIES

**Color:** Transparent

**Physical State:** Liquid

**Density:** 1.05 ± 0,05 g/cm<sup>3</sup>

**Application Temperature:** +10 °C to +35 °C

**Drying Time:** 90 to 120 min.

**Service Temperature:** -20 °C to +80 °C

The values above are valid for 23 °C and 50% relative humidity.

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## DIRECTIONS FOR USE

### SURFACE PREPARATION

- Application surface should be clean and free from dirt, oil, paint, loose particles, and mortar/plaster residues.
- Surface should be saturated with water before application, but any standing water should be removed.

### APPLICATION

- Apply **INTERCURE FL** immediately after the formwork is removed and the surface sheen has disappeared.
- Apply **INTERCURE FL** by spray, brush, or roller.

- Apply initial **INTERCURE FL** layer at a consumption rate of 0,075 kg/m<sup>2</sup>.
- Apply the second layer approximately after an hour at a consumption rate of 0,075 kg/m<sup>2</sup>.
- **INTERCURE FL** dries within an hour depending on the weather conditions.
- Any **INTERCURE FL** not totally absorbed into the surface must be evenly distributed with a brush.

## WATCHPOINTS

- Ensure that the application surface has set properly to avoid any surface damage.
- Allow air circulation in the application area.
- Protect from water and rain.
- Do not apply on glazed or non-penetrating surfaces.
- Mix well before use.

## CONSUMPTION

- To cure new concrete, apply **INTERCURE FL** at a rate of 0.150 -0.200 kg/m<sup>2</sup> in 2 layers.
- For old concrete and toppings, apply **INTERCURE FL** at a rate of 0.200 - 0.300 kg/m<sup>2</sup> in 2 layers depending on the porosity of the surface.

## PACKAGING

30 kg plastic container

## STORAGE AND SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions. Product storage conditions should be adhered to, and the products should not be stored in humid and damp warehouses.

## HEALTH AND SAFETY

As with all chemicals, contact with skin, eyes or mouth should be avoided during usage or storage. If accidentally ingested seek immediate medical attention. In case of contact with the skin, wash with plenty of water. Reseal containers after use.

**NOTE:** Information contained herein is based on our current scientific and application information. INTERFIKS Yapı Kimyasalları A.Ş. is liable only for the quality of product, and shall not be liable for consequences of any inappropriate uses of the product. This technical document shall remain in effect until a newer version is printed, and hereby substitutes all previous versions hereof. (01/2015)