

## Castech K100

### Technical Data Sheet

#### Description

**Castech K100** is a concrete curing solution specially formulated from selected silicone, film-forming auxiliaries and admixtures. Sprayed or applied to the concrete surface, after curing will form a layer of dense film, to prevent the concrete within the free water evaporation too early to achieve the purpose of self-support.

#### Advantages

- ❖ Strong resistance to permeability
- ❖ Strong resistance to acid
- ❖ High solidification strength
- ❖ No corrosive effect on steel
- ❖ No delay effect on the setting time
- ❖ Improve the hardness of wear-resistant floor

#### Uses

Housing construction, road and other projects of cast-in-place concrete, prefabricated components, wear-resistant floor, cement products.

#### Packing

**Castech K100** is available in 200 kg drum.

#### Physical Properties\*

PROPERTY	TYPICAL RESULTS
Appearance	Colorless transparent solution
Specific gravity	1.11±0.01g / ml
PH value	13.5±0.5
Solid content	≥12%
*The above properties are average laboratory values	

#### Coverage

**Castech K100** may be applied to the surface after mortar or concrete final setting. The range of dosage is 0.1- 0.2 kg/m<sup>2</sup>.

#### Application

This product can be used to brush, large area of the use of spray gun spray.

After the concrete or cement mortar after the final setting (cast-in-place concrete or ground can be, or after stripping) can be sprayed. General spray vertical and horizontal each time, until the first time spray drying film (about 1 - 2 hours later) spray the second time, the second spray with the first spray direction perpendicular to ensure uniform spraying. Spray the attention, the nozzle from the concrete surface to about 30 cm is appropriate.

### **Shelf Life**

12 months when stored in factory packed unopened bag, stored in a cool dry and elevated place away from direct sunlight.

### **Precautions**

The operation should pay attention to protect the eyes, spraying should be leeward when the nozzle from the ground 30 cm is appropriate.

It is not suitable for spraying when it rains, but the curing solution after filming, it will not affect the effect.

Storage should be sealed, protected from light.

### **Technical Support**

**CasTech** offers full technical support package to specifiers, contractors and end users, as well as technical assistance on site and after sales consultations.

### **Health & Safety**

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn. See packaging/MSDS for specific instructions.

Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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