

# Concrete Surface Curing Agent

## Resicure Flatter

### **Used for :**

Concrete casting surface cure

### **Features :**

“Resicure Flatter” is hard-paraffin base concrete surface curing agent.

Apply it evenly onto a concrete casting surface after concrete poured, and rub the surface with a spatula, which will turn out to form a layer of polymer cement mortar.

The layer alleviates rapid water evaporation from the surface, which will not only strengthen the surface but prevent laitance from coming off as well as cracking

In addition, “Resicure Flatter” enables you to move a spatula smoothly & freely on the casting surface.

### **Main component & Property :**

1. Milky white emulsion liquid
2. Hard-paraffin wax as a main ingredient
3. No negative effects on fresh concrete

### **How to use :**

1. Wait until bleeding water recedes after casting fresh concrete to a mold, and spread “Resicure Flatter” with a spray etc. onto the casting surface.
  2. Rub the surface layer evenly with a spatula.
  3. Application quantity is 100 to 200g per square meter.
  4. Please refrain from making the application in rainy weather.
- In summer season especially under direct sunshine, please finish the work above as promptly as possible.



**Attention :**

1. Wash an instrument or tool immediately after use of "Resicure Flatter" since it has the property of film-foaming.
2. "Resicure Flatter" freezes at Zero(0) degree Celsius.
3. "Resicure Flatter" may chemically alter its property at storage under the condition of 40 or more degree Celsius.
4. Please refrain from using in rainy weather.

**Size Variation :**

1. 200kg drum
2. 18L square can

**Data :**

**1. Water Residual Ratio(%)**

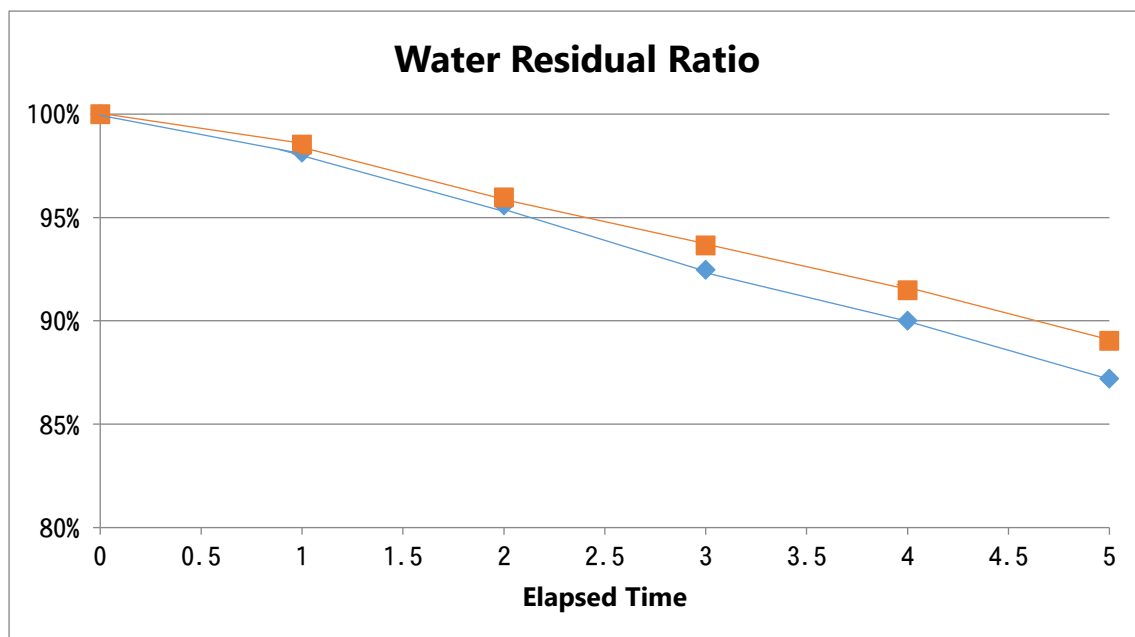
Time after application	1 hour	2 hours	3 hours	4 hours	5 hours
Regicure Flatter Applied	98.5	96	93.4	91.5	89.0
No Application	98.1	95.6	92.5	90	87.2

Conditions :

Amount of application : 155g/m<sup>2</sup>

Curing conditions : 20 degree Celsius / 60% humidity

- **Initial water evaporation is important for preventing drying shrinkage.**



**2. Influence on Strength**

	Compressive Strength at 28 days age (N/mm <sup>2</sup> )
Regicure Flatter Applied	32.9
No Application	28.2

Amount of application : 100g/m<sup>2</sup>

Curing conditions : 20 degree Celsius / 60% humidity

- **Reducing water evaporation results in higher compressive strength.**