

## K-5015K5Z (water-based)

### Characteristics

- Electricity-conductible coating, to protect melt level sensor
- Coating for ladle, etc. for protection and aluminum detachment

### Objects for Use

Melt level sensor, ladle (ceramics, cast iron, steel board), hopper, spout, etc.

### How to Use

- Fully stir original solution to make it even before use.
- Dilution ... Use original solution or dilute by **original solution 1 to water 0.1~0.3 (weight ratio)**  
Adjust dilution ratio according to base material condition and application temperature.
- Brush application, at normal temperature ~ 150°C

For touch-up, dilute by **original solution 1 to water 0.5~1 (weight ratio)**

- After dried, preheat and use.



Before use:  
Aluminum oxide attached  
ADC12, 680°C



After use:  
No aluminum attachment  
(after 2 shifts operation)  
No need for maintenance for 1 week



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### Necessity for using this coating

Without coating, the following problems will occur.

1. With aluminum attached on melt level sensor, the position detected will change, which results in variation of melt pouring amount.
  - Therefore, biscuit may become too thin, resulting in short cycle interruptions and machine problem.
2. Aluminum attached on melt level sensor will cause it to lose its conductive property, so melt level sensing miss will happen.
  - Ladle might go to the bottom of furnace.
3. Wear of melt level sensor caused by corrosion
  - Use coating to prolong life.

**For melt level sensor, K-5015K5Z is most suitable with high aluminum detaching ability and excellent electricity conductive property.**

Manufacturer

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