

## **CAPPING CEMENT SPECIFICATION**

**Grade Name: K130T**

**Applications:**

Grade suitable for linear fluorescent lamps containing low levels of mercury.

**Physical appearance:**

Powder appearance: Fine off-white powder

Paste appearance: Smooth brown paste

Cured appearance: Brown expanded solid

**Physical properties:**

Solvent ethanol

powder :solvent ratio 100: 9 w/w

Viscosity 285-315 (+/- 5) 10ths/ mm paste penetration @ 23 °C

Powder density 0.8 – 1.2 g/cm<sup>3</sup> (tapped)

Paste density 1.9 – 2.1 g/cm<sup>3</sup>

Average expansion 80-90 %

Moisture resistance good

Paste storage life: 6 weeks minimum Stored in sealed containers @21 °C  
(Note- Higher temperatures reduce life)

Powder storage life 12 months See below

**The above properties are given for guidance purposes only. Individual customer requirements should be assessed prior to the use of cement. Technical assistance and test methods are available on request.**

**Health and Safety data sheets are available upon request**

The information contained on this specification sheet is given in good faith and does not constitute a warranty or guarantee for the customer. Customers are advised to ensure that all products are thoroughly tested to ensure suitability for the intended application.

## Capping cement information

### Powder Storage conditions

Keep containers tightly closed, store in a cool dry place out of direct sunlight. Under normal conditions (21°C) a shelf life of 12 months is possible. Higher temperatures and humidity will reduce shelf life resulting in poor paste formation and may cause the powder to form lumps.

### Recommended cleaning solvent

Ethanol, isopropanol

### Recommended mixing sequence

Not applicable

### Recommended mixing machines

Hobart  
Winkworth  
Z Blade type  
Bowers Molteni

### Recommended quantity of paste by cap type (for guidance only)

T8	1.0-1.2 gms
T10	1.3-1.5 gms
T12	1.6-1.8 gms

### Curing Parameters

As cement curing is influenced by paste weight, curing temperature and time, precise figures cannot be given. For guidance purposes:  
2 grams of paste @300 C will cure in 10-15 seconds  
2 grams of paste @200 C will cure in 35- 40 seconds  
2 grams of paste @160 C will cure in 150- 160 seconds

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