

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/cm³ (tapped)

Paste density 1.9 – 2.1 g/cm³

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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