

## **CAPPING CEMENT SPECIFICATION**

**Grade Name: P163/M**

**Applications:**

High performance grade for use in linear fluorescent lamps giving high torque strength and moisture resistance.

**Physical appearance:**

Powder appearance: Not applicable  
Paste appearance: Dark green coloured paste  
Cured appearance: Straw/yellow coloured expanded solid

**Physical properties:**

Solvent: ethanol (94%)  
Powder:solvent ratio: not applicable L/100Kg powder @ 23°C  
Viscosity: 295 - 305 (+/- 5) 10ths/mm paste penetration @ 23°C  
Powder density: not applicable g/cm<sup>3</sup> (tapped)  
Paste density: 1.9 - 2.1 g/cm<sup>3</sup>  
Average expansion: 100 - 120 %  
Moisture resistance: very good  
Paste storage life: 8 weeks Stored in sealed containers @ 21°C  
(Note - Higher temperatures reduce life)  
Powder storage life: not applicable

**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**

**Recommended cleaning solvent:** Ethanol, isopropanol

**Recommended mixing sequence:** Not applicable

**Recommended mixing machines:** Not applicable

<b><u>Recommended quantity of paste by cap type*:</u></b> (for guidance only)	T8	0.8 - 1.2 g
	T10	1.3 - 1.5 g
	T12	1.6 - 2.0 g

**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 @200°C will cure in 35 - 40 seconds  
2 grams of paste @160°C will cure in 150 - 160 seconds

Prolonged exposure of curing cement to temperatures above 250°C should be avoided

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