

## **CAPPING CEMENT SPECIFICATION**

### **Grade Name: P18/M**

#### **Applications:**

Grade for incandescent lamps of upto 500 watts with a life of upto 2500 hours at a working temperature of 210°C.

#### **Physical appearance:**

Powder appearance:	Not applicable
Paste appearance:	Smooth light green coloured paste
Cured appearance:	Light straw coloured expanded solid

#### **Physical properties:**

Solvent:	ethanol (94%)	
Powder:solvent ratio:	not applicable	L/100Kg powder @ 23°C
Viscosity:	305 - 325 (+/- 5)	10ths/mm paste penetration @ 23°C
Powder density:	not applicable	g/cm <sup>3</sup> (tapped)
Paste density:	2.0 - 2.2	g/cm <sup>3</sup>
Average expansion:	120 - 140	%
Moisture resistance:	good	
Paste storage life:	6 weeks	Stored in sealed containers @ 21°C (Note - Higher temperatures <u>reduce</u> 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)	B22d	1.5 - 1.7 g
	E27	1.6 - 1.8 g
	B22d	1.2 - 1.4 g
	E14	0.9 - 1.0 g
	B15d	0.9 - 1.0 g
	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

**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.

Glassbond (NW) Ltd, West Side Industrial Estate,  
Jackson Street, St Helens, Merseyside, WA9 3AT, England  
Tel: +44 (0) 1744 730 334 Fax: +44 (0) 1744 453 242  
Website: [www.glassbond.co.uk](http://www.glassbond.co.uk)  
Directors: ME Cordell Managing Director, PJ Randell, RJ Randell, DJ Randell (M.I.M)  
Glassbond (NW) Ltd. Registered office: West Side Industrial Estate  
Registered in England No 1378679