

CAPPING CEMENT SPECIFICATION

Grade Name: P12/M

Applications:

Grade for linear fluorescent lamps and standard incandescent up to 100 watts with 1000 hours life. Ideal where customers wish to use one grade for both fluorescent and incandescent.

Physical appearance:

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|--------------------|------------------------------------|
| Powder appearance: | Not applicable |
| Paste appearance: | Smooth dark green coloured paste |
| Cured appearance: | Dark straw coloured expanded solid |

Physical properties:

| | | |
|-----------------------|------------------|---|
| Solvent: | ethanol (94%) | |
| Powder:solvent ratio: | not applicable | L/100Kg powder @ 23°C |
| Viscosity: | customer defined | 10ths/mm paste penetration @ 23°C |
| Powder density: | not applicable | g/cm ³ (tapped) |
| Paste density: | 1.9 - 2.1 | g/cm ³ |
| Average expansion: | 70 - 90 | % |
| 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

| | | |
|---|-------------|-------------|
| <u>Recommended quantity of paste by cap type*:</u> <u>(for guidance only)</u> | 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

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