



## DIBENZOYL PEROXIDE

### Product Specification

**Product Code:** MCAP2

*Dibenzoyl Peroxide* is organic peroxide (Type D), 50% powder with silica. It is a free flowing white powder, used as an initiator for the following range of *Ennis Roadplast* cold applied plastic products:

- *Ennis Roadplast Trowel / Screed*
- *Ennis Roadplast Roll on*
- *Ennis Roadplast Profile*
- *Ennis Roadplast Structured Marking*
- *Ennis Roadgrip*
- *Ennis Colourpave*

### Application

*Ennis Roadplast* cold applied plastic products require the thorough incorporation of *Dibenzoyl Peroxide*. The amount of *Dibenzoyl Peroxide* powder added will vary between 0.5% and 3.0% by weight of *Ennis Roadplast* cold applied plastic products depending on material temperature and road surface temperature (Consult the table below).

If temperature of the *Ennis Roadplast* cold applied plastic material and road surface are similar then the pot life will be approximately be half the curing time of the marking.

The table below is a guide to the amount of the *Dibenzoyl Peroxide* powder addition required by indicating how the pot life and curing time of the *Ennis Roadplast* cold applied plastic products are affected by the temperature and the amount of *Dibenzoyl Peroxide* powder added.

Temperature (°C)	Hardener (% by weight)	Pot Life (mins)	Curing Time (mins)
10>	3.0	15	55
20>	1.5	10	45
30>	0.7	15	40

### Transport and Storage

It is important to note that *Dibenzoyl Peroxide* has a Hazchem Code: 2YE and transport classification of 5.2, therefore special care is required for transportation as it is an oxidizing agent. Refer to Material Safety Data Sheet (MSDS) for more detailed information.

### Packaging

- 1kg bag
- 25kg carton

### Additional Information

Please contact Ennis Traffic Safety Solutions Pty Ltd if you require:

- An MSDS
- Pricing and availability
- Or more specific information on this product or other products in the wide range of products manufactured by Ennis Traffic Safety Solutions specifically for the roadmarking industry.

### Ennis Traffic Safety Solutions Pty Ltd

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**ENNIS COLD APPLIED PLASTIC**