

ENNIS ROADPLAST TROWEL/SCREED

Product Specification

Product Code: CAP T25/15

Ennis Roadplast Trowel/Screeed is a long life cold applied roadmarking compound. It is formulated from methyl methacrylate resin and used extensively in Europe since 1980 for transverse roadmarkings at traffic intersections, directional arrows and signs, pedestrian crossings, etc.

Physical Characteristics

Colour	: white
Specific Gravity	: 2.0
Appearance	: viscous liquid
Odour	: peculiar MMA smell

Application

Ennis Roadplast Trowel/Screeed is suitable for trowel, screed, and roll application. It comes in two parts – resin and hardening powder. By the adding and mixing in of the *Dibenzoyl Peroxide* (Product Code: MCAP2) powder to the resin at the ratio of 5ml *Dibenzoyl Peroxide* to 1kg of resin, the product will cure in about 20 minutes at ambient temperature of 20°C. Curing time is highly dependant on the road surface temperature. It may be necessary to vary the amount of *Dibenzoyl Peroxide* powder used according to seasonal change. It is, however, not advisable to use less than 60ml per 25kg pail or more than 300ml per 25 kg pail.

Application Rate and Durability

Coverage of the product varies with the type of road surface it is to be applied on. On a smooth hot-mix surface, 1 litre of *Ennis Roadplast Trowel/Screeed* will cover 0.5m² at recommended thickness of 2mm. As with all types of roadmarking material, life expectancy of *Ennis Roadplast Trowel/Screeed* depends on the road conditions, traffic volume, and the applied thickness of the product. Under normal circumstances, one can expect *Ennis Roadplast Trowel/Screeed* to last ten times longer than solvent paint.

Cure Time

The faster the curing time, the shorter the pot life. As a general guide, pot life is about half the curing time. When adding *Dibenzoyl Peroxide* powder to *Ennis Roadplast Trowel/Screeed* it is essential to ensure that the *Dibenzoyl Peroxide* is mixed in thoroughly.

Road Surfaces

Ennis Roadplast Trowel/Screeed can be applied on bituminous and concrete road surfaces. It is necessary for the surfaces to be clean, dry and free from oil or grease. However, on freshly sealed bituminous surfaces, it is best to wait 4 to 6 weeks to allow the solvent and the oil in the bituminous mix to cure and dissipate. Early application can cause failure and the oil in the bituminous mix to bleed which will blacken the product.

When applying the product on concrete surfaces, the use of a primer such as *Ennis Roadplast Primer P1* (Product Code: MCAP1) is required. Ensure that the concrete is fully cured before the application of either the primer or the product.

Transport

Refer to product Material Safety Data Sheet (MSDS).

ENNIS COLD APPLIED PLASTIC

Storage

Always store the product in a cool area, away from direct sunlight. When stored at recommended temperature of below 20°C, a shelf life of at least six months can be expected.

Packaging

15kg pail

25kg pail

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.

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