



## PRODUCT DATASHEET

### ProSolve ProTherm Line (PVPTLW100 and PVPTLY100)

#### DESCRIPTION

The ProSolve ProTherm Line is a thermoplastic line marking solutions that is fast and convenient to use.

- It is a low cost solution for smaller marking repair areas
- No specialist application operatives or heavy machinery required
- Non-toxic
- Heavy metal free pigments
- Fast and easy to apply – flows readily, can be trafficked after approximately 5-10 mins
- Resistant to discolouration
- Tough and durable with a long service life
- No waste
- Can be adapted to suit particular climatic or customer requests

#### PRODUCT AND TECHNICAL DETAILS

ProTherm is a preformed thermoplastic line marking roll consisting of high quality synthetic resins, plasticiser, performance polymers, heavy metal free pigments, aggregates, fillers and glass beads (optional).

It is perfect for a huge range of applications, from small scale road marking schemes, car park markings, school playgrounds and public recreational areas.

#### Product

**Width:** 100mm (+/- 1mm)

**Length:** 5m

#### Compliance/Approvals

ProTherm meets the following International standards: BS EN 1790, BS EN 1436, BS EN 1871, AASHTO and FHWA.

BASt certification at P7 level of 4 million wheel-overs.

The management system of ProSolve Traffic Safety Ltd has been assessed and registered as meeting the requirements of ISO 9001, ISO 14001 and ISO 45001.

**Performance:**

ProTherm physical properties comply with the relevant specification requirements for retroreflectivity value (where specified) and luminance values.

Skid resistance will vary upon the texture of the substrate but typical values are between 45-55 SRV. When the product is heated during application, the pre-applied glass beads and/or skid resistant material may sink into the product which will lead to reduced initial retroreflectivity and/or skid resistance values. If high initial values are required, it is recommended that surface glass beads and/or skid resistant material are applied immediately after heating whilst the base is still hot/semi liquid.

**APPLICATION**

ProSolve ProTherm Line should be applied to clean, sound and dry substrates using a gas torch with a controlled flame output.

**STORAGE**

It is recommended that ProTherm should be kept totally dry and stored flat away from direct sunlight and areas of potential contamination. The product shelf life is 12 months. Cold temperatures will result in the material becoming more brittle.

**IMPORTANT NOTICE**

All statements, technical information and recommendations are based on tests we believe to be reliable as at the date of hereof, but the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, other than for fraudulent misrepresentation, ProSolve expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.