

MAGMALINE R110

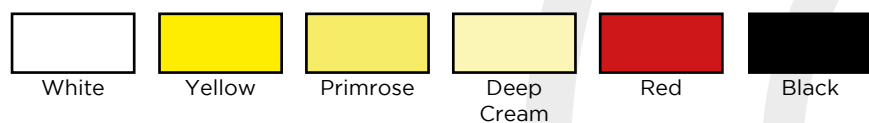
PREMIUM THERMOPLASTIC LINES



MagmaLine R110 is a preformed thermoplastic material which has good visibility in day or night conditions and excellent skid resistance. The intermixed glass beads and anti-skid particles which are incorporated on top and within the material ensure high performance throughout its functional life. Traditionally used for utility reinstatement, MagmaLine R110 can be used for new road markings, pavements, rail platforms, car parks, step edgings and more as the growth of “self-delivery” lines continues.

FEATURES AND BENEFITS

- Instant reflectivity
- Consistent quality
- Zero waste
- Low application costs
- Fast return to service
- Minimal disruption



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PREPARATION:

SURFACE PREPARATION:

The application surface should be sound and clean, free from grease, oil, rust, scale, dirt, or any other soiling that might affect adhesion or performance. In any case, but especially in the case of overcoating existing line markings, it is further recommended that test areas be coated to ensure good adhesion and/or compatibility with the substrate.

Asphalt - New and weathered asphalt is suitable.

Concrete - New concrete should be left to fully cure for a period of 3 months minimum.

Concrete Pavers - Application on pavers is suitable provided there is no movement, and gaps are less than 5mm without organic or loose material.

PRIMERS:

For best results, always use **Meon ProTack aerosol primer** or **Meon UniPrime X450** to improve adhesion to substrate.

APPLICATION:

Pre-mark to show where product will be installed. Lay out product and cut to size, by scoring with sharp knife and gently bending back on itself to “snap” clean. Put product to one side. Use a gas torch, pre-heat surface where product is to be laid. This removes any moisture and provides a warm surface to enable bonding. Place the product in position and apply heat to preform thermoplastic at a height of 200mm to 300mm at 90° angle to the floor. Do not swing the torch. Avoid holding the torch in one place, as it will cause the product to scorch. Heat evenly to 180° - 200°C (**use Meon Infrared Thermometer** to monitor this).

You will notice the product beginning to shrink/melt into the profiles of the surface. The edges will also ‘bevel off’ as it melts. Apply heat until the whole area is fully bonded to the surface. Do not apply when the air or surface temperature is below 5°C or less than 3°C above dew point, or if this is likely to occur during the curing period. Do not apply when there is rain, mist, fog, or snow imminent; when humidity is high or the surface is wet with condensation or likely to be during the drying period.

TECHNICAL

SLIP RESISTANCE:

Meets slip resistance value (SRV) of 66 (see data below)

| White Rolls | | |
|---------------------------------------|------|--------|
| | | Result |
| Measured Skid Resistance | 66 | |
| Surface Water Temperature | 18.5 | |
| Temperature Correction | -0.4 | |
| Temperature Corrected Skid Resistance | 65.6 | 66 |

Notes

Sample from Batch No: 1B/090601. Additional Potters Gem 500 glass grains surface supplied.

CURING:

MagmaLine R110 should not be trafficked until it has cooled to the temperature of the surface it is has been laid on.

AFTERCARE AND MAINTENANCE:

Lines can be maintained by cleaning with clean water or mild detergent solution.

STORAGE AND PACKAGING:

STORAGE CONDITIONS:

Storage area should be dry, protected from direct sunlight and extremes of temperature - i.e. between 5°C and 20°C.

SHELF LIFE:

Minimum 12 months when stored under cover, in original unopened boxes, in accordance with Storage Condition guidelines listed above.

SIZES AVAILABLE:

Supplied in 5m roll lengths (width and box quantities below):

- 50mm - 12 rolls/box
- 75mm - 8 rolls/box
- 100mm - 8 rolls/box
- 150mm - 4 rolls/box
- 200mm - 4 rolls/box

HEALTH AND SAFETY:

Ensure correct PPE is worn by all operatives. Familiarise yourself with the material safety data sheets before using this product. If you need a copy please call our technical team on **023 9220 0606**.

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