



Instant Line 3000

technical data

1st February 2003

Robex Instant Line 3000 offers the high performance qualities of hot applied thermoplastic line marking on a roll. Ideally suited where maximum wear and tear is present this incredible product is easy to apply in hot or cold temperatures and is exceptionally hard wearing. Instant Line 3000 contains special light reflective aggregates providing excellent skid resistance and high reflectivity.

Technical Information

Skid Resistance:

Minimum value typically 54SRT units

Reflectivity:

Instant Line 3000 contains 20% glass beads giving excellent reflectivity especially at night.

Thickness:

Approximately 3 mm

Packaging:

5 metre roll

Availability:

Instant Line 3000 is available in yellow or white and 100 mm width.

Handling:

Extreme caution should be used when moving/handling. The product is particularly fragile in cold conditions.

Instant Line 3000 packages should always be held horizontal and should always be stacked flat.

Do not place two pieces of Instant Line 3000 in contact as they could bond together.

When cutting always break material along a score line.

Storage:

6 months in good conditions

Instant Line 3000 should *not* be stored in cold conditions as this will result in the product becoming brittle. Ideally the product should be stored at room temperature and kept dry at all times. The product will become less flexible at temperatures below 50 °c and should be handled with care.

Preparation

Instant Line 3000 can be applied to most surfaces. Always ensure that the surface is clean, dry, free from dust, chemicals and any oily substances. **When applying to smooth concrete (such as power floated surfaces) the surface must be treated with an acid etch solution prior to application.**

For application to old asphalt surfaces please contact our technical department regarding the use of a suitable primer.

Application

It is advisable to draw guidelines for the correct position of the material and pre-heat the surface to ensure that all moisture is removed. Remove the Instant Line 3000 from its protective wrapping and place on the surface. Heat the product with a propane torch, following a pattering so that the entire area is sufficiently heated – watch for bubbling of the material and the change of colour. For best results the torch should be moved in strokes of approximately 200 – 400 mm in a slow even motion at a height of at least 4 – 8 inches.

The Instant Line 3000 should be heated to its application temperature which is approximately 200°C this is indicated by the change in colour, the edges of the product will also settle against the surface and will blur a little. Do not be afraid of heating too much – it is better than not applying enough heat. When applying Instant Line 3000 in yellow you will need to heat this more gently as it contains organic colour pigment as discoloration will occur.

Precautions

When the weather is warm on surfaces such as asphalt, the road temperature is often higher and the drying/settling time will take slightly longer. Instant Line 3000 can be applied when the surface temperature is very low but it is a good idea to heat the surface prior to application to ensure that there is no moisture present. If moisture is left it will cause a stream barrier. Do not use Instant Line 3000 when it is raining or snowing. Instant Line 3000 will not bond to surfaces that have been treated with salt or de-icers and the surface must be thoroughly washed before commencing. Do not unpack more material than is necessary as material left exposed will start to harden with UV activity.

Health & Safety

Please refer to our Instant Line 3000 Material Safety Data sheet.

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our data sheets, since the customer's use of the product is necessarily out of our control. The information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.

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