

Pumathane LM UVR

Elastomeric UV resistant polyurethane coating for line marking



Description

Pumathane LM UVR is a UV resistant, high build polyurethane based line marking coating designed to create demarcation lines between traffic and pedestrian areas and informative signage, helping to organise both vehicular and pedestrian traffic safely.

Pumathane LM UVR is designed for application directly to Resdek UVR or Resdek HB.

Appearance

Pumathane LM UVR provides a medium gloss surface.

Durability

Excellent wear resistance. UV light and weather stable.

Cure Schedule at 20 °C*

Working time	15 minutes
Cure time to light pedestrian traffic	16 - 24 hours
Full cure	7 days

* The above times are approximate and given as a guide only. These times can vary due to prevailing site conditions.

Pack Size

2.5 kg and 5 kg units

Coverage*

Nominal 0.50 kg/m²

* Coverage figures given are theoretical. Practical coverage rates may vary due to wastage factors and the type, condition, profile and porosity of the substrate.

Application Conditions

Materials must be stored at 15 – 25 °C for a minimum of 48 hours immediately prior to use. Cold temperatures will increase viscosity, reduce coverage and extend curing times. Excessively high temperatures will reduce viscosity and reduce the useable working life of the material. The maximum substrate and atmospheric relative humidity should be 75%.

Surface Preparation

Prior to the application of Pumathane LM UVR, the surface must be clean, dry and free from any loose debris. The use of a vacuum is highly recommended. If over 36 hours old, the surface should be mechanically abraded and/or solvent wiped. Allow the solvent to fully evaporate before proceeding.

Application

Prior to mixing, the temperature of the two components must be between 15 and 25 °C. Add the hardener component to the coloured resin component and mix using a low speed electric mixer (300 - 400 rpm) for at least 3 minutes until homogeneous. Keep the mixing paddle fully submerged to avoid the entrapment of air and scrape the sides and bottom of the vessel several times. Decant the mixed material to a second mixing vessel and mix as above for a further minute.

Apply by brush, squeegee or roller depending on the dimensions of the demarcation lines or signage, ensuring a consistent finish is obtained.

Cleaning

Regular cleaning is essential to enhance and maintain the life expectancy and appearance of the floor. **Pumathane LM UVR** can be easily cleaned using industry standard cleaning chemicals and techniques. Consult your cleaning chemical and equipment supplier for more information.

Health and Safety

Refer to product Safety Data Sheet before use.

EU Directive 2004/42/EC

Complies with category j type SB (< 500 g/l).

Storage

Store off the ground in un-opened packs in a dry store, under cover between 10 °C and 30 °C out of direct sunlight. Protect from frost.

Limitations

Do not proceed with application if precipitation is imminent (exposed areas) or temperatures are expected to drop below +5°C within 24 hours of application. Do not use on floors where rising dampness or a potential osmosis problem may exist. Do not proceed with application if atmospheric relative humidity is > 75% or if surface temperature is likely to drop below 3°C above the dew point. The manufacture of **Pumathane LM UVR** is a batch process and despite close manufacturing tolerances, colour variation may occur between batches. Products from different batches should not be used on the same surface or surfaces close together. If mixed batches are unavoidable, it is best practice to use the different batches only in areas where the colour cannot be directly compared.

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Touching up should only be attempted using product from the same batch using the same application methods. Product should be reserved specially for this purpose. It is recommended that touching up is carried out up to a break in the floor or surface.

Technical Advice

For further information on this or any other Resdev product, please contact our office.

Note

The information contained in this document, and all further technical advice given is based on our present knowledge and experience. However, it implies no liability or legal responsibility on our part. In particular, no warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application are beyond our control. Properties listed are for guidance purposes only. We reserve the right to make any changes according to technological progress or further developments.

Resdev Limited, Pumaflor House, Ainleys Industrial Estate Elland, West Yorkshire, HX5 9JP, England			
CE		13	DOP RV0068
EN 13813 SR-B2,0-AR0,5-IR20 Synthetic resin screed material for use internally in buildings not subject to reaction to fire regulations			
Reaction to fire	NPD	Impact resistance	IR20
Release of corrosive substances	SR	Sound insulation	NPD
Water permeability	NPD	Sound absorption	NPD
Wear resistance	AR0,5	Thermal resistance	NPD
Bond strength	B2,0	Chemical resistance	NPD

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