



# PU Binders for Sports Pitch Shock Pads

COATING (PU4872)



## DESCRIPTION

Non-hazardous, slow curing, flexible, solvent free resin for bonding rubber crumb particles.

## USES

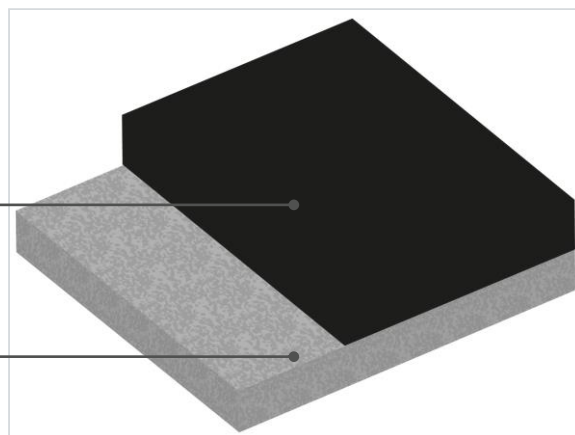
3G & 4G Sports Pitches  
MUGAs

## BENEFITS

- ◆ Solvent free
- ◆ Slow curing for machine application
- ◆ Excellent Track Record
- ◆ Ancillary products available e.g. primers, accelerators and resalers

SBR Rubber/  
PU Binder Matrix

Substrate



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## COATING (PU4872)



### PRODUCT SPECIFICATION

Product: Leeson Rubber Crumb Binder  
Thickness: Determined by application requirements  
Manufacturer: Leeson Polyurethanes Ltd.  
Telephone: + 44 (0) 1926 833367

### SUBSTRATE REQUIREMENTS

System typically installed on asphalt.

### PRODUCTS INCLUDED IN THIS SYSTEM

Base Layer: Typically 4-6mm SBR and Binder PU4872 10-12%.  
Detailed installation instructions are available on request.

### INSTALLATION SERVICE

The installation should be carried out by an experienced contractor, details of contractors in your area can be obtained by contacting the company.

### IMPORTANT NOTE

Leeson Polyurethanes' products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

### UV DISCOLOURATION

\*Please note that rubber crumb binder products are based on MDI polyurethane technology which is subject to colour change under exposure to UV. The strength of the system is not affected.

We have in-house UV testing facilities and can test customer's rubber/binder combinations. We strongly urge our customers to use this service prior to using a new rubber.

### TECHNICAL INFORMATION

The figures below are typical properties achieved in laboratory tests at 21°C and 55% Relative Humidity.  
Temperature Resistance:  
Resistant to temperatures of over 50°C for long periods.  
Chemical Resistance:  
To various acids, diesel and petrol as well as strong bases.  
Speed of Cure:  
At 19°C system will be fully cured in 18-36 hours

### TESTING TO BS7188:1998

BS7188:1998 Shock Pad requirements are that tensile strength  $\geq 0.1$  MPa and elongation at break  $\geq 25\%$ .

#### PU4872 SPORTS PITCH BINDER ON 1-4mm SBR Rubber

Tensile Strength / N/mm <sup>2</sup>	0.54
Elongation @ Break / %	48%

### AFTERCARE - CLEANING AND MAINTENANCE

The surface should be swept regularly to keep it free of organic material such as leaves.

### ENVIRONMENTAL IMPACT

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture of the products by Leeson Polyurethanes staff.

### FURTHER INFORMATION

To ensure you are specifying a fit for purpose surface for your project please consult our Area Sales Manager for your area or visit our website.



**Leeson Polyurethanes Ltd.**

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