

PU Systems for Sports Structural Spray

COATING (PU4872/PU4728)



DESCRIPTION

One component spray applied elastomeric coating applied with EPDM rubber. Applied to SBR rubber shock pad. Once cured the system cures to form a durable elastomeric, rubberized surface.

USES

Athletics tracks; Tennis Courts; Playgrounds.

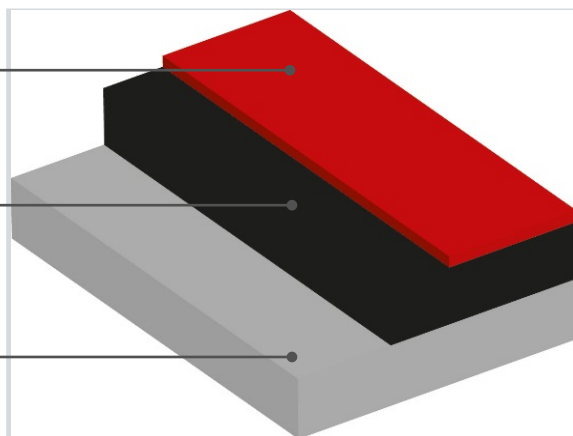
BENEFITS

- Porous system
- Fast curing
- Durable
- Quick installation
- Anti-slip
- Ancillary products available e.g. primers, accelerators and resalers

Structural Spray System/
EPDM Crumb

SBR Rubber/
PU Binder Matrix

Substrate



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PRODUCT SPECIFICATION

Product: Leeson Structural Spray System
Thickness: Typically 10-13mm
Manufacturer: Leeson Polyurethanes Ltd.
Telephone: + 44 (0) 1926 833367

SUBSTRATE REQUIREMENTS

System typically installed on asphalt or concrete.

PRODUCTS INCLUDED IN THIS SYSTEM

Primer:	PU3922 spread at 0.15kg/m ²
Base Layer:	SBR 1-4mm/PU4872 at 18% (9.7kg/m ²)
Structural Spray:	PU4728 1.2kg/m ²
	EPDM 0.5-1.5mm 0.8kg/m ²
	EPDM Dust 0.1kg/m ²

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 70°C for long periods.

Elongation @ Break (PU4728)

Minimum 550%

Tensile Strength (PU4728)

Minimum 9 N/mm².

Chemical Resistance

To various acids, diesel and petrol as well as strong bases.

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.

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