

# PUR SPRAY SYSTEM

**DO IT YOURSELF**

**EASY. QUICK.**

**SEAMLESS. CLEAN.**



## On-site sprayable wear protection for the resolution of problems with erosion, corrosion and surfaces

The PUCEST PUR spray system is an innovative solution to protect different surfaces to be coated easily against wear. Surfaces can be coated with the PUCEST PUR spray system cartridges quickly and easily with polyurethane, so that your surface coating is seamless and professional.

Available with 1.6 kg 85° Shore cartridges

### TECHNICAL SPECIFICATIONS

Hardened system typical properties

property	test procedure	values	unit
Shore hardness	BS EN ISO 868	<b>85</b>	°A
Density	BS 903 Pt A1	950	Kg/mm <sup>3</sup>
Module 100%	BS 903 Pt A2	4,5	MPa
Tensile strength	BS 903 Pt A2	11,5	MPa
Elongation at break	BS 903 Pt A2	320	%
Tear resistance	BS 903 Pt A3	38	N/mm

**COLOR**

 Red



## THE MATERIAL

**Apply:** Spraying

**Suitable surfaces:** almost all materials as for example steal, brass, aluminum, bronze and cement.

**Hardening:** The coated surface is touch-dry after only 5 minutes and after 24 hours (ambient temperature 68°F / 20 °C) ready for use.

**Temperature resistance:** Between -104°F and +176°F / -40°C and +80°C.

### Characteristics / Features:

This product consists of a solvent-free 2 - component-elastomer. One minute after the coating the

polymerization starts, so that coating thicknesses between 2 and 50 mm are realizable even on vertical surfaces.

The PUCEST PUR spray material hardens without tension and develops in addition to the chemical adhesion a mechanical adhesive effect. This adhesive effect tightens the underground permanently against the coating.

The PUCEST PUR spray coating is repairable and several times usable.

The PUCEST PUR spray system coating is easy to handle.



For an optimal performance we recommend an air pressure from 102 to 116 psi / 7 to 8 bar.

The costumer screws the included static mixing tube and spray head onto it. The sputtering process of the PUCEST spray material is started with the spray gun. The PUCEST spray material is pressed out of the cartridge package into the mixer and is mixed. Now, you can start with the spray coating in an exact dosage via spray cartridge.

The one-way spray cartridges have to be depolluted professional after usage. The device is free of cleaning and maintenance.

For the protection of the operator we recommend imperatively/basically the application in rooms with a suitable extraction and we recommend wearing suitable protective equipment, such as respiratory protection, eye protection, skin protection by wearing a disposable suit and gloves (see: PUCEST-equipment).

Basically, the fabricators have to work in rooms with a suitable extraction and with a breathing mask.

**Before starting work:** Note safety data sheet

## WORTH KNOWING

The PUCEST PUR spray system is an innovative solution to protect different undergrounds easily from wear. Surfaces can be quickly and cleanly with the highly wear resistant PUCEST. A seamless and professional surface coating is possible.

### Do it yourself – not only a term for craftsmen

The spray coating is sprayed on-site, true to the motto “Do it yourself“, with the spray pistol directly from the PUCEST PUR spray system cartridges on the desired underground in an optimal dosage. Neither interminable gluing or screwing processes, nor external staff are necessary for an ideal wear protection.

