

pure polyurea

description

PUA4620 is 1:1, fast setting, spray applied two component pure polyurea coating. It is 100% solids and contains no VOCs.

It has been developed as a high strength rigid material for use as a coating onto prepared concrete. It is applied by means of a high pressure impinge mixing system at elevated temperature. The product benefits from fast film build up and quick cure times.

Typical applications include secondary containment for bonded areas, roofing and flooring, where high abrasion resistance, flexibility and durability are required.

product features

Pure Polyurea - low sensitivity to moisture during application

Zero VOCs - 100% solids, no VOCs

Film Properties - High degree of flexibility combined with tensile strength gives excellent durability and abrasion resistance

Chemical Resistance - The cross-linked properties of PUA4620 gives excellent resistance against a variety of chemicals such as acids, alkalis, fuels.

technical data

Colour - Black (other colours available on request)

Ratio - 1:1 by volume

Gel Time - Approx 3-4 seconds when sprayed

Tack Free Time - Approx 5-6 seconds when sprayed

Spray - 2K spray at 80°C and 2000 - 3000 psi

Tensile Strength - 19.8MPa

Elongation - 640%

Shore Hardness - 50-55 Shore D

Application Temperature Substrate, °C - +5°C to 45°C

Application Temperature Air, °C - +5°C to +45°C