

UREASPRAY SPUR is a 100% pure hot spray polyurea elastomer coating for soft substrates such as polyurethane foam (insulation) and bituminous layers.

APPLICATION

UREASPRAY SPUR is a 2 component, watertight, elastic hot spray polyurea membrane applied as watertight coating on roofs, roofing or protection of PU insulation foam (PURFOAM)...

ADVANTAGES

- Easy and fast application with machine.
- High abrasion and wear resistance.
- High elongation.
- High shock and impact resistance.
- Continuous waterproofing membrane.
- Ultra-rapid reactivity (seconds).
- Excellent adhesion to foam.
- No risk to environment.
- VOC and solvent free.
- Bacteriologically stable.
- ...

APPLICATION PRESCRIPTIONS

- **Preparation**
Thoroughly clean the surface to be treated in order to have a good adhesion. All dust, fat and loose particles are to be removed. Apply UREASPRAY SPUR only on dry and clean surfaces.
- **Primer**
For PU foam: no primer required.
For bituminous felts: UREAPRIM CONCRETE.
- **UREASPRAY SPUR**
UREASPRAY SPUR is hot sprayed with a 2 component high pressure reactor (type Graco EXP2). UREASPRAY SPUR reacts much slower (tack free after about 40 sec) than conventional polyurea reducing the chance of pit holes.
- **Topcoat**
For protection against UV and surface discoloration use UREATOP SW, a high quality elastic aliphatic topcoat.
- **Accessories:**
UREA GUNCLEANER and UREA REPAIR.
- **Important:**
UREASPRAY SPUR can only be used by fully trained professional applicators. Consult or network.
For all applications consult our general Method Statement or our technical staff.

TECHNICAL DATA

Mix ratio	1:1 (volume)
Volatile Organic Compounds – VOC (g/l)	0
Service temperature (°C)	-20 to 85
Max. temperature for occasional use (°C)	150
Density (g/cc)	1,12
Gel time (sec)	5 - 10
Walkable (min)	5
Full cure 100% (h)	24
Tensile strength (MPa) (NBN EN 12311-2)	14
Elongation (%) (NBN EN 12311-2)	± 600
Shore D hardness	30
Adhesion to concrete	>434, >3
Adhesion to steel	520 - 3,6
Pull off test (PSI, MPa)	NBN EN 1542
Atmospheric humidity during application	15 - 90 %
Reaction to fire	Not measured

USAGE

± 1,05 kg/mm² (standard thickness for application is 2 mm).

PACKAGING

- Set of 120 kg (60kg comp. A (amine) + 60kg comp. B (ISO))
- Set of 450 kg (225kg comp. A (amine) + 225kg comp. B (ISO))

SAFETY AND HEALTH PRECAUTIONS

Do not breathe dust/fume/gas/mist/vapours/spray.
In case of inadequate ventilation wear respiratory protection.
Wear protective gloves/clothing and eye/face protection.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water/shower.
For more information, consult the safety data sheet.