

PURSWELL is a one component polyurethane sealant which swells in contact with water. Used for sealing of pipe or cable wall inlets or leaking construction joints.

DESCRIPTION

PURSWELL is a high quality, elastic, solvent free one-component polyurethane sealant, which swells in contact with water. Used for sealing of pipe or cable wall inlets or leaking construction joints.

CHARACTERISTICS AND BENEFITS

- Very easy application.
- Stays elastic after curing.
- Very good adhesion on concrete, metals and PVC.
- Excellent resistance to many chemicals.
- Especially developed for concrete applications.
- Swells up to 400 - 500% of its original volume in contact with water.

TECHNICAL DATA

Base	Polyurethane
Consistency	Stable Paste
Curing System	Moisture Cure
Skin formation	10-15 minutes
Curing Rate	1.8mm/24h
Hardness	15 Shore A
Shrinkage	Max. 4%
Specific Gravity	1.37 g/mL
Temperature Resistance	-30°C to +90°C
Elasticity Modulus in film	0.338N/mm ² (DIN 53504)
Slump	None
Tensile Strength in film	+/-0.60N/mm ² (DIN 53504)
Elongation at Break in film	>1000% (DIN 53504)
Elasticity Modulus in joint (ISO 839)	+/-0.12N/mm
Tensile Strength in joint (ISO 839)	+/-0.2N/mm ²
Elongation at break in joint	>250%

APPLICATION PRESCRIPTIONS

- Method: caulking gun.
- Application temperature: +1°C to + 30°C.
- Protect PURSWELL from rain water to prevent early swelling.
- Observe at least 3 hours between the application of the PURSWELL and pouring of the concrete.
- Clean with white spirit immediately after use.
- Surfaces:
 - Type: concrete, most metals, PVC.
 - State of Surface: clean, free of dust and grease.
 - Surfaces may be humid.
- Preparation:
 - No Primer required.
 - We recommend a preliminary compatibility test with all surfaces.

PACKAGING

PURSWELL is available in:

- Aluminium cartridges containing 310 ml.
- Foil bags containing 600 ml.

STORAGE

- Cartridges: 9 months.
- Foil bags: 12 months in unopened packaging in a cool and dry place, at temperatures between +5°C and +25°.

SAFETY AND HEALTH PRECAUTIONS

Apply the usual industrial hygiene.
Do not discharge into drains.
For more information, consult the safety data sheet.