

Two component, solvent free, polyurethane injection system ideally suitable for crack injection/leak sealing in concrete, stone and masonry structures. Reaction with water yields a flexible polyurethane foam and in the second stage or in absence of water an elastic resin. To be injected with a one-component pump.

HOW DOES PURINJECT 2C MULTIFLEX WORK?

Reaction with water yields a flexible closed cell polyurethane foam. The formation of CO₂ makes the foam penetrate very well into the cracks. Without water PURINJECT 2C Multiflex yields an elastic massive resin.

ADVANTAGES

PURINJECT 2C Multiflex is used to permanently seal dry or wet cracks and joints in concrete, stone and masonry in construction and civil engineering. Easy two in one system to avoid a second injection for permanent sealing.

APPLICATION PRESCRIPTIONS

Mix well the two components and inject through a packer with a one component pump (electrical, airless or manual). Inject the mixed material within the indicated pot life (max.60 min). Pumps should be cleaned with PURCLEAN, a cleaning product specially developed for cleaning of polyurethane injection pumps.

TECHNICAL DATA

Physical characteristics of the uncured polyurethane resin

Subject	Value	Norm
Density	1,1 g/ml	EN ISO 2811-2:2002
Viscosity	100 mPa.s	EN ISO 3219:1994
Flash point	> 150°C	
Colour	brown	

Subject	Value
Reaction with water	30 sec.
Cure time with water	ca. 2 min.
Pot life	Max. 60 min
Mixing ratio	1:1 by volume

PACKAGING

Standard packaging:

- Sets of 10 kg
Pallet: 600 kg resin

Other type of packaging available on request. Can be supplied under private label.

STORAGE

To avoid problems, it is very important to understand that these materials are both temperature and moisture sensitive. Therefore, materials should be stored in an area with temperatures not exceeding 30°C or not lower than 10°C. The maximum shelf life time is one year. All partially used drums should be covered by nitrogen and re-sealed to prevent the ingress of moisture.

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.