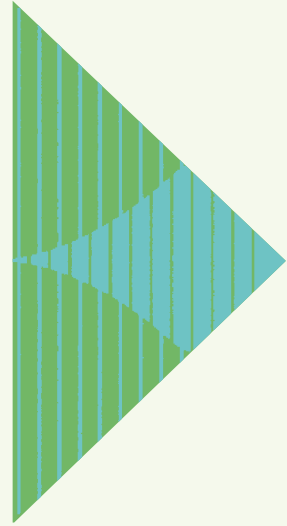


# IDROSWELL

**Tech. Sh. IMP13**  
Hydroswelling LINE



## Hydroswelling mastic for cracks and joints

### Description

IDROSWELL is a one component sealant hydroswelling mastic that absorbs water when it gets in contact with it and expand more than three times the original volume.

Being one gel hardening type, it shows excellent work efficiency. Convenient to handle since it is a cartridge or sausage type.

Shows excellent adhesion to concrete, iron, glass, HDPE, plastic membranes as PVC , etc.

Workable even on moist surface for adhesion and hardening.

If becomes an excellent rubber elastic body after hardened to offer satisfactory durability and water resisting characteristics.

IDROSWELL is an excellent glue for expansion joint Waterstop BZ 100.

### Uses

Water sealing around H-steel, through section of pipes. Water sealing at joint of concrete.

Segment sealing. Sealing at joint of tunnel section.

Water sealing at corners of base plate.

Prevention of leakage of water at separated section. Watertight construction works.

### Instructions for uses

Apply IDROSWELL on clean, dust free surfaces, dry or moist.

The product has to be extruded continuously. Avoid application in the water or heavy rain.

Wait at least 24 hours before stressing the material on site.

### Technical data

#### *Uncured product*

Sp. gr.	1.40 g/cm <sup>3</sup>
Viscosity at 25°C	tixotropic paste
Setting (start) at 20 °C - 60% R.H.	120 - 150 min.
Setting (handdry) at 20 °C - 60% R.H.	10 h approx.
Slump in vertical application	< 5 mm

#### *Cured product (7 days, 10 mm thick)*

Tensile strength	2.5 MPa
Elongation at break	650%
Expansion in water	> 300%
Minimum application temperature	10°C

### Consumption

cartridge 310 ml	approx. 3 m per 10 mm
sausage 600 ml	approx. 6 m per 10 mm

## Colour

Light gray.

## Packaging

Cartridge of 310 ml. in carton of 12 pcs.

Sausage of 600 ml in carton of 12 pcs.

## Caution

Be careful not to contact directly with skin or eyes. Wear protection gloves and protection glasses as needed. After application, rinse hands and the mouth.

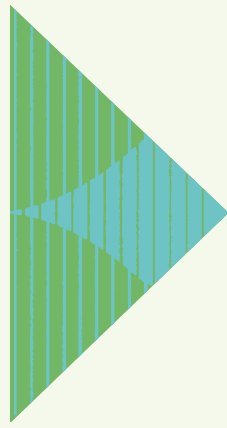
Keep away from water, moisture and fire.

In case of eye contact, flush with plenty of water at least 15 minutes, then consult with doctor.

In case of skin contact, remove immediately and shower with soap and water. If any inflammation or itch, consult with doctor.

Harden with moisture first and dispose as a waste resin of the industrial wastes.

For additional information please consult the SDS or contact Company export department  
info@gpintech.com

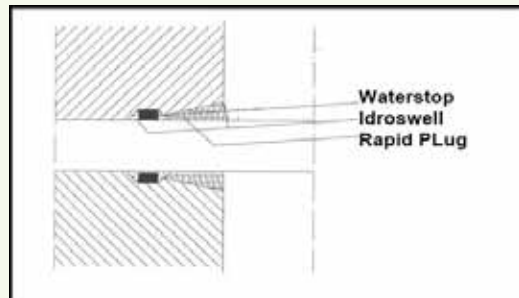
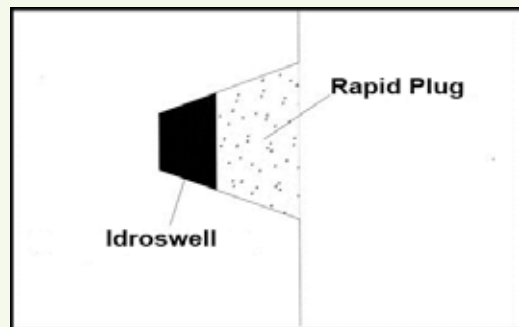


## Storage

Shelf life of 12 months when stored in the original sealed packaging in dry and dark place at the temperature  $5^{\circ}\text{C} < T < 30^{\circ}\text{C}$ . Avoid direct sunlight. Protect from frost.



Cartridge



## Head Office

Via Retrone,39 - 36077 Altavilla Vicentina (Vicenza) - Italy

tel +39.0444.522797- fax +39.0444.348692

info@gpintech.com

www.english.gpintech.com

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