

## Description

Hydroswell PDS+ is a single component, solvent free, water swellable compound designed to prevent water ingress inside and outside ducts. Hydroswell PDS+ does not require setting time and remains flexible. Additional pipes or cables can be added at any time.

## Technical Data

Consistency	Stable compound
Density	Approx. 1.3g / cm <sup>3</sup>
Application thickness	Minimum 100 mm
Application temperature - surface	From +5°C to +35°C
Application temperature - material	From +20°C to +35°C

## Characteristics

- For dry and wet surfaces
- Easy to use
- Quick to apply
- No setting time (permanently malleable).
- Water and vapor proof.
- Capable of withstanding water pressure of max. 0.3bar

## Benefits

- Ready to use
- No specialist tools required
- Stay flexible
- Immediate sealing
- Can be applied in the presence of water even under pressure.
- Self-repairing if slightly damaged.
- Free from solvents and vapors.
- No chemical reaction.
- Environmentally friendly.
- Addition of cables possible at any time after application
- No loss of material and reusable.
- 

## Application Guidelines

Compound makes all types of pipe and openings water and gas proof. Used for cables and pipes etc..

## **Substrates**

Concrete, masonry, a wide range of metals, and the most common plastics. Must be oil and grease free.

Surface preparation: Thoroughly clean all surfaces with a damp sponge to improve adhesion. The substrate may be wet.

## **Application Method**

With a manual or pneumatic caulking gun.

Preparation: If necessary, preheat the cartridges in hot water before applying. This makes it easier to apply the compound.

Joint base: Always start by applying the base. At minimum of 150mm from the end of the pipe/duct. If more than one cable runs through the duct, space them at least 25mm apart.

Application:

1. Cut the tip diagonally 50mm from the cartridge.
2. Place the end piece as close as possible to the bottom of the pipe/duct.
3. Starting from underneath the cables, carefully apply Hydroswell PDS+ until the pipe and the space between the cables is completely filled,
4. Leave a space of 50mm from the end of the pipe.
5. Apply enough pressure to properly cover the cables.
6. To prevent cavities from forming, keep the tip in contact with the product.

Finishing:

1. Remove excess product to leave a space of 50mm at the end.
2. Apply Xypex Patch'n Plug mortar.

Application temperature: +5 ° C to +35 ° C

Cleaning: with water.

Repair: use the same product to carry out repairs

- For a more effective application, a flexible tip can be used.

## **Yield: (\*)**

<b>Diameter</b>	<b>Depth</b>	<b>Yield</b>	<b>Number of cartridges</b>
52mm	100mm	212cm <sup>3</sup>	1
60mm	100mm	283cm <sup>3</sup>	1
80mm	100mm	502cm <sup>3</sup>	2
90mm	100mm	636cm <sup>3</sup>	2
100mm	100mm	785cm <sup>3</sup>	3
120mm	100mm	1130cm <sup>3</sup>	4

(\*) Theoretical efficiency for a 100 mm long pipe. These values may vary under real conditions.

### **Storage Conditions**

- 12 months in its original closed packaging
- Keep dry
- Temperatures from +5°C to +35°C.
- Protect from damage, frost, direct contact with sunlight, including during transportation.

### **Packaging**

310ml per cartridge  
12 cartridges per box

### **Safety**

Please follow recommendations in terms of industrial hygiene. It is advisable to wear protective clothing, protective glasses and protective gloves. Eating, drinking or smoking is prohibited during application. If swallowed, do not induce vomiting, seek medical advice immediately and show the label. In case of contact with eyes, rinse with clean water. In case of an allergic reaction, consult a doctor immediately! For further information, consult the SDS or its packaging.

The safety datasheet of Hydroswell PDS+ is available on request at [info@smrxypex.co.uk](mailto:info@smrxypex.co.uk)