

# ALKO - INJECTION 19

## INJECTION HOSE FOR SEGMENTATION COMPARTMENTS



### PRODUCT DESCRIPTION

**ALKO-INJECTION 19** is a double-jacketed PVC core hose with offset openings and or slots for the disbursement of compressed injection materials to fill the segmentation compartments made with in the **Hydro-Prufe® LDS PVC** waterproofing system. The openings in the inner hose are off set from the compressible sponge type strips. During injection pressure these sponge strips open and let out the grouting material through outer nylon netting , preventing concrete, silt and other debris from entering the disbursement slots. Once grouting is completed the **ALKO-INJECTION 19** hose is flushed out for the possibility of future grouting needs.

### FEATURES

- **ALKO-INJECTION 19** is suitable for injection materials such as urethane resins, acrylates and other single or plural component injection resins.
- Can be used for multiple injections
- Cement paste is prevented from entering during concrete placement
- Injection hose is durable and easy to install
- No unwanted twisting when installing from the reel because hose is circular
- Hose is made from PVC so bonding to concrete is reduced and injection disbursement is increased
- Easy installation with the use of PVC hose clips

### APPLICATIONS

- . Install within the segmented compartments according to Hydro-Gard installation guidelines.
- . Can also be used in construction joints for increased injection grout volume.

### INSTALLATION

#### Preparation:

- Ensure all **Hydro-Prufe® PVC** membrane work is fully complete.
- Ensure all **Hydro-Prufe® PVC** waterstops are installed and fully welded to PVC waterproofing membrane.
- Ensure all swellable tape is securely in place to all sides of PVC waterstop.
- Ensure **Hydro-Prufe® PVC** membrane is clean and undamaged prior to installation.

#### Placing Injection Hose:

- Install injection hose in lengths and locations as shown on the installing contractors shop drawing layout. Each length shall have its hose and two ends for injection once concrete is placed
- The injection hose ends shall be secured inside the injection (junction) box and the box secured to rebar and fixed so that the clear cover to the box is flushed with the form work
- The layout, length and location of the boxes shall be designed by the engineer or designer.
- See illustration for recommend segmentation size and **ALKO-INJECTION 19** spacing.
- Hydro-Gard shall aid the designer in the proper detailing of the segmentation's.

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience. For the most up to date information, please visit [www.hydro-gard.com](http://www.hydro-gard.com). HYDRO-GARD accepts no responsibility for the results obtained through application of this product. HYDRO-GARD reserves the right to update information without notice.

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CHARACTERISTICS	ALKO-INJECTION 19
Working Material of Inner hose	PVC
Inside Diameter of Hose	10 mm
Outside Diameter of Hose	24 mm
Materials to be injected	Resins, Acrylates, fine Cements
Maximum Length of Injection Hose	100 m
Outer netting material	Nylon
Arrangement of holes in inner Hose	every 25 mm slots
Weight	0.25 kg/m



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