

ALKO - INJECTION BOX

INJECTION BOX FOR ALKO - INJECTION HOSES



PRODUCT DESCRIPTION

ALKO-INJECTION BOX is a metal injection box used for specific use with the **ALKO - INJECTION hoses**. It is used to start and end each section of injection hose. When installing the **ALKO - INJECTION hoses** the beginning and end of each hose is terminated inside the box. The boxes are secured in place by securing it to the steel or rebar cage. Forms are then put in place over the face of the box. When forms are removed the box is exposed similar to a electrical box in any wall. When used in segmentation compartments the box will act as an indicator if water enters the compartment by water leaking out of the box. The box then provides the means to inject into the **ALKO - INJECTION hoses** behind the wall. This eliminates the need to drill and inject grouts directly into the wall and allows the injection process to grout behind the wall and up against the waterproofing system.

FEATURES

- Easy and quick to install just secure to rebar cage
- Provides first indication that water has breached the waterproofing membrane.
- Provide easy access to injection hoses for current and future grouting needs
- Eliminates the need to drill into wall and try to inject cracks and voids in wall resulting in damage to the foundation walls and leaving unpleasant stains on walls.

APPLICATIONS

- . Install within the segmented compartments according to Hydro-Gard installation guidelines. See details from Hydro-gard
- . 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 cap 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**.

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. 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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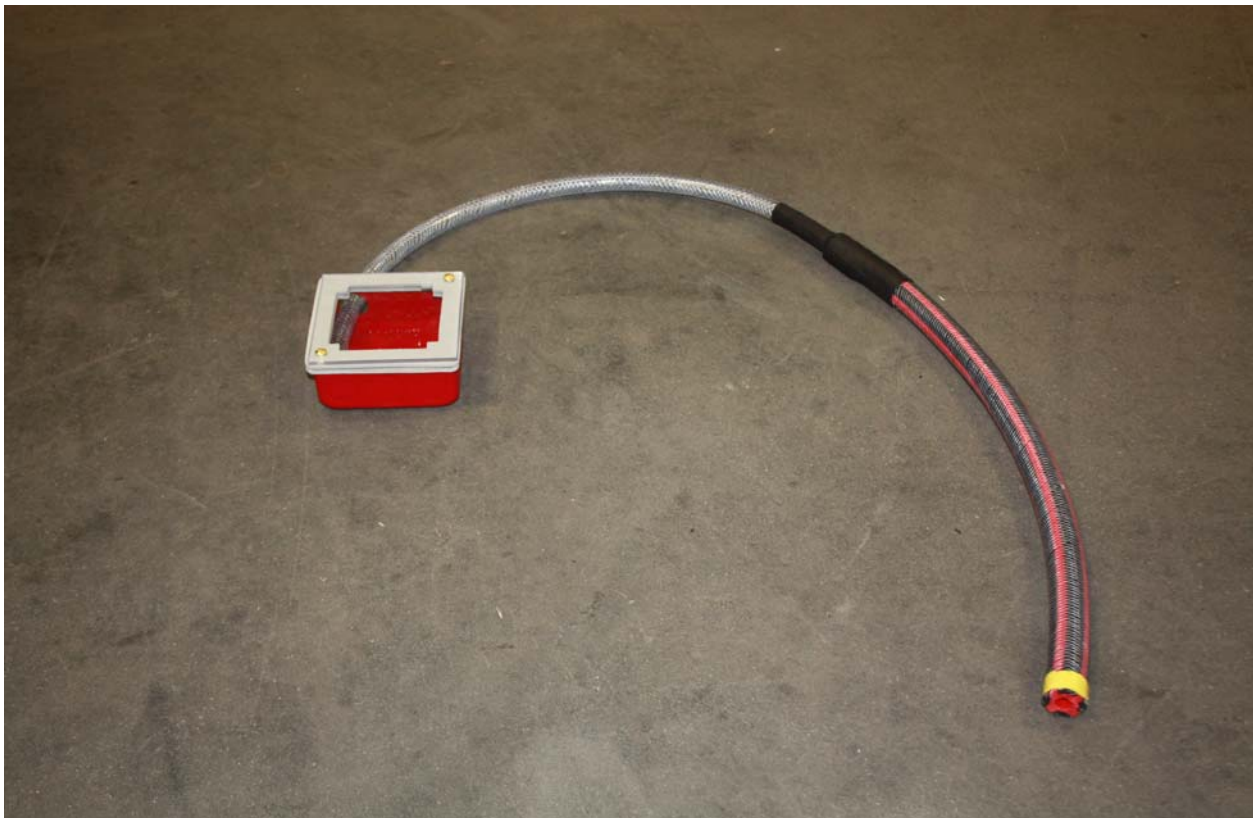
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CHARACTERISTICS	ALKO-INJECTION 19
Working Material	PVC
Inside Diameter of Hose	11 mm
Outside Diameter of Hose	19 mm
Materials to be injected	Resins, Acrylates, fine Cements
Maximum Length of Injection Hose	15 m
Outlet Opening of outer Hose	10 mm
Arrangement of holes in inner Hose	every 20 mm shifter 90°, viz. Outlet openings on 10 cm long section
Weight	0.25 kg/m



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