



# VEGETATIVE ROOFING COMPONENTS

## DRAINAGE

Hi-Load Extender

Product #

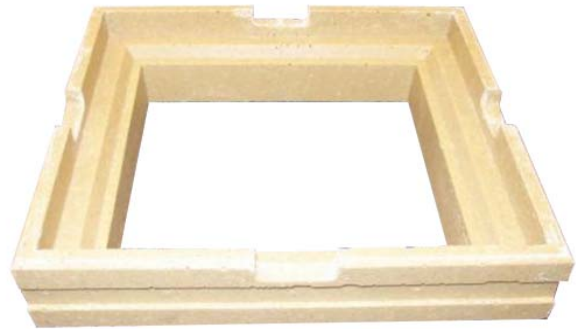
# 3581

The Hi-Load Water Conduit System is utilized on projects that provide access to vehicular traffic. The Hi-Load Water Conduit System consists of:

- **HG 3580** - Hi-Load Drain / Access Base
- **HG 3581** - Hi-Load Extender
- **HG 3582** - Hi-Load Grate

Specific to this system, it:

- accomodates a **Hi-Load capacity of 12.25 tons**
- has **connection options** for one Triangle Conduit Profile on each side of the High Compressive Drain / Access Box
- **protects the outlets** from severe external effects
- allows for simple and **variable layout options**
- **does not affect the height of the system**, thus not inhibiting the growth of plant roots



Tiered pricing based on product quantity



Dependent on completed engineering drawings

## TECHNICAL DATA

### Materials:

- Polymer Concrete

### Cast Method:

- Dry Cast

### Hi-Load Extender Dimensions (H x W x L):

**HG 3581.1** 2 3/8" x 11 7/8" x 11 7/8"

**HG 3581.2** 9 7/8" x 11 7/8" x 11 7/8"

### Water Discharge Capacity (each system):

- at 0% Slope = 23 - 62 gallons / minute
- at 2% Slope = 52 - 79 gallons / minute
- at 3.5% Slope = 69 - 119 gallons / minute

\*dependent on media type / drainage channels

### Vegetated Roofing Use:

- Drainage system constructed with cast iron slat grates with the stability and strength to allow light commercial car / truck accessibility

### Installation Requirements:

- Place High Compressive Drain / Access Box over roof drain or inspection area
- Connect High Compressive Drain / Access Box to the appropriate amount of HG 3551 Triangle Conduit Profiles as specified by engineer

Refer to **HG 3551** & **HG 3552** for connector units