

# FLASH-TITE

## Flow Control Inserts

### DESCRIPTION & USE

- Used to regulate the flow of water from the roof where storm water flow rates are restricted by municipal regulation
- Inserts are placed inside the strainer, which hold them in position

### TECHNICAL DATA

#### Flow Control Calculation

- Determine the maximum rainfall per hour.
- Calculate the number of roof drains required for the subject roof area, consistent with local by-law.
- Confirm with engineer that the structure can withstand the increased load that will occur when the roof is used as a rainfall reservoir.
- Determine the allowable flow per drain in gallons or litres per minute and note on the drawings.
- Specify the flow control insert and number of hole sets from the chart below.

#### Flow Rate Data

Flow rate for one opening set per Control Flow Insert:

Head of Water	Flow Rate L / min	Flow Rate US Gal / min.	Flow Rate Imp. Gal / min.
25 mm (1")	19	5	4.2
50 mm (2")	37	10	8.4
75 mm (3")	56	15	12.6
100 mm (4")	75	20	16.8

**NOTE:** Flash-Tite™ Flow Control Inserts are normally shipped with one inlet hole set. Adding a second inlet hole set doubles the flow rate. Specify as required.



### SPECIFICATION

Flow Control Inserts should be included with a Flash-Tite™ Drain specification by simply specifying that the Flash-Tite™ Drain be equipped with Flow Control Inserts, being sure to specify the number of inlet hole sets. For a more detailed specification, add the following example paragraph:

Flash-Tite™ Drains shall be equipped with Flash-Tite™ Flow Control Inserts with [one; two; three] inlet hole sets.

ACCEPTED PRODUCT: Flash-Tite™ Flow Control Insert by Lexcor ([www.lexcor.net](http://www.lexcor.net), Tel: 1-800-268-2889, [info@lexcor.net](mailto:info@lexcor.net))

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### COMMERCIAL BUILDING PRODUCTS

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