

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 holds them in position

TECHNICAL DATA

Flow Control Calculation

1. Determine the maximum rainfall per hour.
2. Calculate the number of roof drains required for the subject roof area, consistent with local by-laws.
3. Confirm with engineer that the structure can withstand the increased load that will occur when the roof is used as a rainfall reservoir.
4. Determine the allowable flow per drain in gallons or litres per minute and note on the drawings.
5. 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, Tel: 1-800-268-2889, info@lexcor.net)

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COMMERCIAL BUILDING PRODUCTS

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