


BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, EGBC, BOABC

File No: 18-0221

INTERPRETATION

Page 1 of 1

Interpretation Date:	January 17, 2023
Building Code Edition:	BC Building Code 2018, Book II: Plumbing Systems (BCPC) and BC Building Code Book I: General
Subject:	Emergency Roof Overflows (Scuppers)
Keywords:	Emergency Roof Overflows, Scuppers, Roof Drains
Building Code Reference(s):	2.4.10.4.(2)(c), 2.4.10.4.(4), 4.1.6.4.(4), 5.6.1.1.(1), 9.26.1.2.(1)
Question:	
When are emergency roof overflows (scuppers) required to be installed?	
Interpretation:	
<p>Emergency roof overflows are required to be installed when the design of the roof or deck includes a parapet with a height more than 150 mm, or where the parapet exceeds the height of the wall flashing. They are also required where flow control roof drains are utilized in conformance with Clause 2.4.10.4.(2)(c).</p> <p>Consideration must also be given to installing emergency roof overflows where openings in the roof and / or adjoining walls (skylights, ventilation terminals, door thresholds etc.) may allow water to enter a building should the roof drain(s) become blocked (general design requirements contained in 9.26.1.2.(1) and 5.6.1.1.(1)).</p> <p>Structural design to resist rain loads and buildup of rainwater on a roof or deck must be considered.</p>	
 Patrick Shek, P.Eng., CP, FEC, Committee Chair	

The views expressed are the consensus of the joint committee with members representing AIBC, EGBC and BOABC, which form the BC Building Code Interpretation Committee. The Building and Safety Standards Branch, Province of BC and the City of Vancouver participate in the committee's proceedings with respect to interpretations of the BC Building Code. The purpose of the committee is to encourage uniform province wide interpretation of the BC Building Code. These views should not be considered as the official interpretation of legislated requirements based on the BC Building Code, as final responsibility for an interpretation rests with the local *Authority Having Jurisdiction*. The views of the joint committee should not be construed as legal advice.