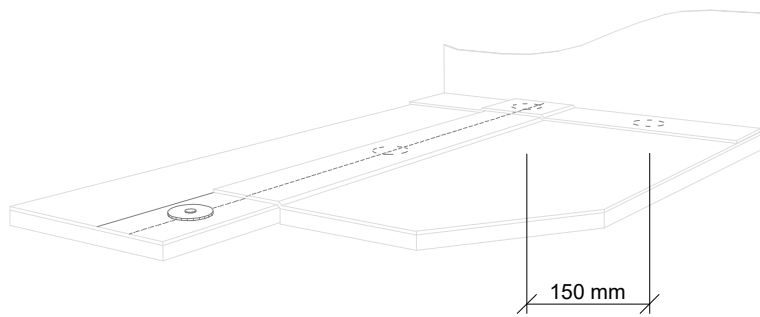


NOTE¹: SPACE BETWEEN EACH ROW OF FASTENERS IS 610 mm (24 in).

NOTE²: FASTENER DENSITY ON EACH ROOF AREA (FIELD SURFACE, PERIMETER AND CORNERS) MUST BE CHOSEN AS PER THE WIND LOADS DETERMINED USING THE NATIONAL RESEARCH COUNCIL OF CANADA (NRCC) ONLINE CALCULATOR (WIND RCI).



**DYNAMIC UPLIFT RESISTANCE (DUR)**

	SPACING :	RESISTANCE :
- FASTENING PATTERN A :	610 mm (24 in) O.C.	- 2.4 KPA (- 50 PSF)
- FASTENING PATTERN B :	457 mm (18 in) O.C.	- 3.4 KPA (- 70 PSF)
- FASTENING PATTERN C :	305 mm (12 in) O.C.	- 5.2 KPA (- 108 PSF)

**SAFETY FACTOR:**

As required by the standard, the published dynamic uplift resistance (dur) are reduced by a safety factor of 1.5.

these fastening patterns have been determined as per the CSA A123.21-10 standard. Those results are valid only if you use approved membranes, fasteners and other components for this system. For more information regarding the system components, consult the roof system assessment report of wind uplift resistance published by an authorized laboratory.

COPYRIGHT 2020 SOPREMA

Title:  
FASTENING PATTERNS AS PER CSA - 2-1 SOPRASMART BOARD

Scale:  
N.T.S.

Date:  
Oct. 2020

Drawing number:  
SOP171-01