



NOTE 1: SCREWS AND PLATES ARE INSTALLED THE **FIELD OF THE BOARD AND COVERED WITH A SOPRALAP COVER STRIP.**

NOTE 2: 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 :	150 mm (6 in) O.C.	- 4.8 KPA (- 100 PSF)
- FASTENING PATTERN B :	305 mm (12 in) O.C.	- 3.2 KPA (- 67 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 A-123.21-10 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.

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

Scale:
N.T.S.

Date:
Oct. 2020

Drawing number:
SOP171-05