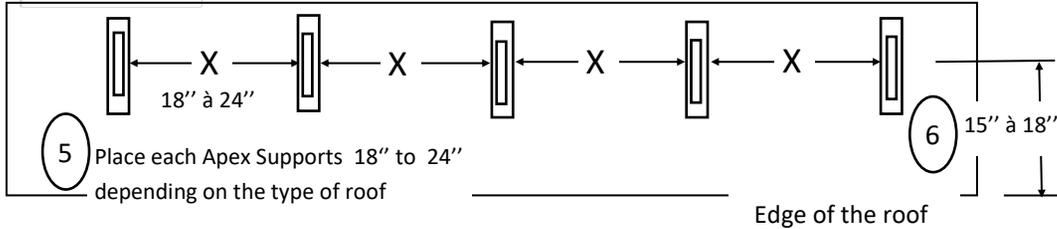


INSTALLATION GUIDE: APEXrail (Scn-7000)



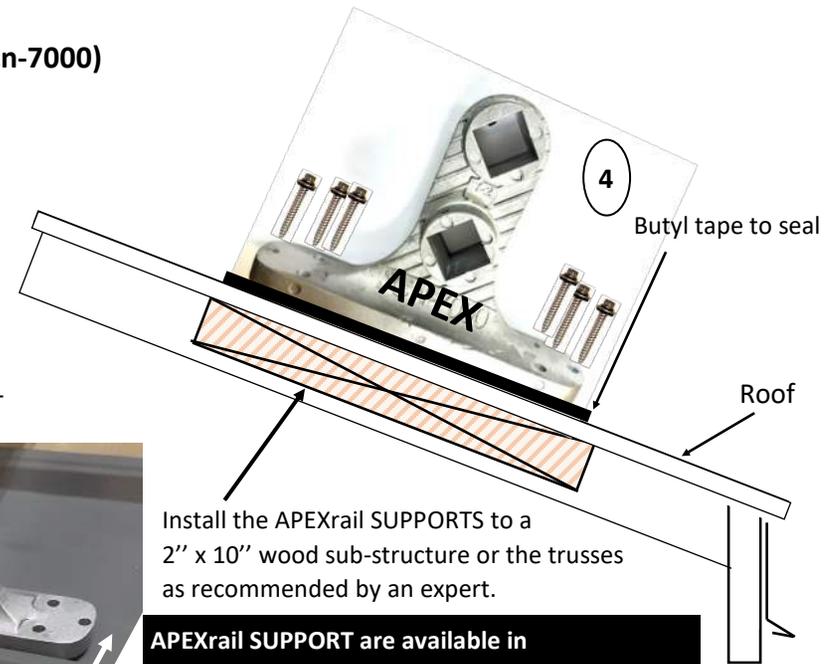
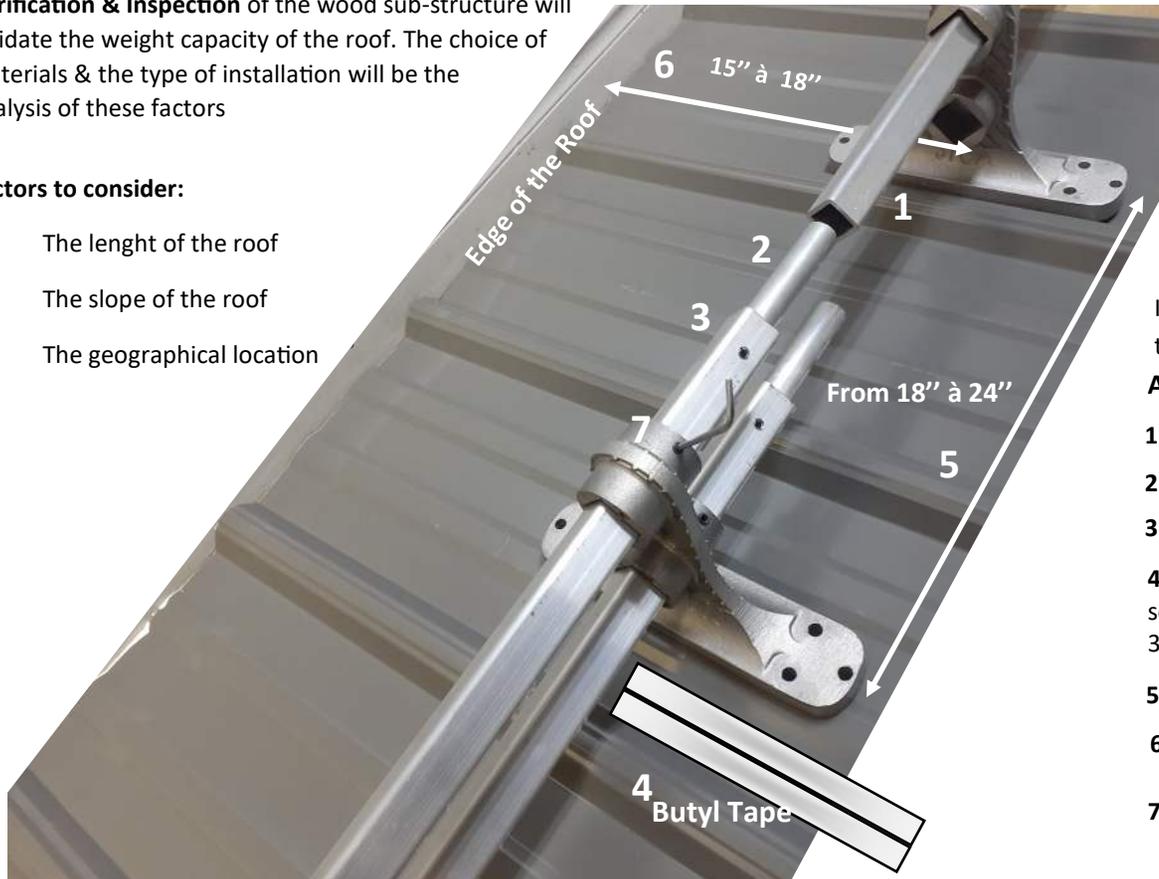
Installation guide. **Tape measure.** **Chalk line.**
Metal saw. **Drill & hexagonal 3/8 bit** **knife to cut butyl tape**
Allen key for set screw 1/4-20 (Included)



Verification & Inspection of the wood sub-structure will validate the weight capacity of the roof. The choice of materials & the type of installation will be the analysis of these factors

Factors to consider:

- The length of the roof
- The slope of the roof
- The geographical location



Install the APEXrail SUPPORTS to a 2'' x 10'' wood sub-structure or the trusses as recommended by an expert.

APEXrail SUPPORT are available in
1— 2— 3 holes

It is recommended to consult with an expert for the choice of materials & the method of installation.

APEXrail specification & Installation: (See image)

1. The Aluminium tube—1''square x 48'' long x 1/8'' thick
2. The inserting side of the tube -3/4'' round
3. The inserting tube is tightly held at the end of the tube by a pin
4. Ideal to instal butyl tape underneath the support to increase the sealing of the screws and to provide stability. Per support use 2 strips of 3/4 in x 8 in butyl tape (1/8'' thick) .
5. Use a distance of 18'' to 24'' between supports based on the roof type.
6. Suggested to install 15'' to 18'' from the edge of the roof
7. Use an Allen Key 1/4-20 to tighten the tubes (Included)

IMPORTANT WARNING: SnowGuards can cause the snow to accumulate on your roof, thus causing more weight than normal on your roof

Consulting a Professional: strongly recommended to evaluate all factors.

The Fabricant –Syca or the Supplier –Qualité Extérieure inc. will not assume any responsabilies arising from the installation of the product.

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CHART: (LBS/ LINEAR FEET) IN FUNCTION OF THE THICKNESS OF THE SNOW & THE SLOPE OF THE ROOF

IT IS RECOMMENDED TO CONSULT WITH AN EXPERT, YOUR DECISION CAN BE GUIDED WITH THE FOLLOWING RELATED INFORMATION:

BASED ON THE AN ACCUMULATION OF 10 FEET UP THE ROOF

<u>FEET</u>	<u>1</u>	<u>1.5</u>	<u>2</u>	<u>2.5</u>	<u>3</u>	<u>3.5</u>	<u>4</u>	<u>4.5</u>	<u>5</u>	<u>5.5</u>	<u>6</u>
SLOPE	12	18	24	30	36	42	48	54	60	66	72
1 / 12	28	42	56	70	84	96	110	126	140	154	168
2 / 12	52	79	105	132	158	184	210	236	263	289	315
3 / 12	78	116	155	195	233	272	311	350	390	427	466
4 / 12	101	152	202	253	303	354	405	455	505	556	606
5 / 12	123	185	246	308	370	432	492	555	616	677	739
6 / 12	143	215	286	358	430	500	572	645	715	787	858
7 / 12	161	242	322	404	484	565	645	725	806	887	967
8 / 12	177	266	355	444	532	621	710	800	888	976	1065
9 / 12	192	288	384	480	576	672	768	865	960	1056	1152
10 / 12	205	306	410	512	615	717	820	921	1024	1126	1228
11 / 12	217	326	435	544	650	762	870	960	1088	1196	1305
12 / 12	226	339	452	565	678	792	905	1018	1132	1244	1357

1) THE DATA IS BASED ON THE CONSTANT THICKNESS OF THE SNOW 10 FT UP THE ROOF.

2) THE WEIGHT IS BASED ON THE LINEAR FEET OF THE RAIL SYSTEM

EXAMPLE: 2 FT OF THE RAIL SYSTEM WITH A SLOPE 1/12 WITH AN ACCUMULATION UP THE ROOF OF 10 FT, THICKNESS OF 1 FEET OF SNOW. THUS, THE PRESSURE OF THE SNOW ONTO THE APEXrail SYSTEM WILL BE 28 LBS/ FT X 2 FEET= 54 LBS

3) TESTED PER FEET OF APEXrail (SCN-7000- 2 TUBES) : 2950 LBS TEST WITHSTOOD

SNOW RESISTANCE OF THE APEXrail SYSTEM (SCN-7000)

WEIGHT TEST COMPARING DISTANCE APART OF **SUPPORTS INSTALLED**

	<u>1 FEET</u>	<u>2 FEET</u>	<u>3 FEET</u>	<u>4 FEET</u>
APEXrail -2 Holes	N/A	3800 LBS+	3200 LBS +	1500 Lbs +
APEXrail -3 Holes	N/A	3800 LBS+	3200 LBS +	1500 Lbs +

THE MANUFACTURER, AS WELL AS THE DISTRIBUTOR WILL IN NO WAY ASSUME ANY RESPONSIBILITIES ARISING FROM THE INSTALLATION OF THE PRODUCT



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