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## Gray and Tan utilization in California and Climate Zone analysis

I was able to compile some of the information on membrane colors you requested below to help with your analysis. These data points are for our company only and should be treated as confidential.

These results are for our most popular product in California which is 60-mil TPO and based on our Rep Territories.

LA market has the lowest use of Gray & Tan at 3.8% in 2019 and 3.5% in 2020

San Diego market has the highest use of Gray & Tan at 25% in 2019 and 28% in 2020

N. California market usage of Gray & Tan was 20% in 2019 and 24% in 2020

Across the U.S. and Canada we see a steady trend towards a higher percentage use of Gray & Tan TPO without a marketing campaign. This indicates a growing consumer driven preference for colors other than white as more consumers and architects become aware of the heating penalty associated with white or highly reflective roofs.

l've also attached a copy of the California Climate Zones with HDD / CDD information that I was referring to on the call along with two PPT slides showing examples for specific cities.

Additional submitted attachment is included below.

Ht seens unlikely that Climite Nones with 50% or greater HDD/CDD & 1.5x orgreater) would Save energy with a reflective root due to the associated heating pendity. best climate Zones for white roots

	Ave	Average	H00/00
CAZone	HDD	CDD	
1	4295	15	x 98 C
2	3144	500	r r
ω	3071	183	xLI
4	2550	666	3. 8 X
2	2654	464	5,7X
6	1383	742	1.9×
7	1497	208	1.7×
8	1481	1072	× 1.1
9	1460	1456	1.0x
10	1685	1620	1.0x
11	3149	1354	2.3X
12	2621	1226	2.1X
13	2443	1599	1.5×
14	2422	3056	. 8 X
15	1177	4760	×
16	5057	596	Sisx

Heating vs. Cooling ratio

