

SOPRA-CELLULOSE

THEMAL AND ACOUSTICAL CELLULOSE INSULATION FOR INTERIOR AND EXTERIOR WALLS, ATTICS, FLOORS AND CEILINGS.

COVERAGE CHART (ATTIC)

Settled density : 25.6 kg/m³ (1.6 lb/ft³)

THERMAL RESISTANCE		APPLIED THICKNESS		THICKNESS AFTER SETTLING		MASS PER UNIT AREA		COVERAGE PER BAG		MIN. BAGS PER UNIT AREA	
RSI	R	mm	in	mm	in	kg/m ²	lb/ft ²	m ²	ft ²	100 m ²	1000 ft ²
2.1	12	94	3.7	84	3.3	2.1	0.4	5.3	56.9	19.0	17.6
2.3	13	103	4.0	92	3.6	2.3	0.5	4.8	52.0	20.8	19.2
3.4	19	152	6.0	136	5.3	3.5	0.7	3.3	35.1	30.7	28.5
3.5	20	156	6.2	139	5.5	3.6	0.7	3.2	34.1	31.6	29.3
3.9	22	174	6.9	155	6.1	4.0	0.8	2.8	30.6	35.3	32.6
5.3	30	237	9.3	211	8.3	5.4	1.1	2.1	22.5	47.9	44.4
5.6	32	250	9.8	223	8.8	5.7	1.2	2.0	21.3	50.6	46.9
6.7	38	299	11.8	267	10.5	6.8	1.4	1.7	17.8	60.6	56.1
7	40	312	12.3	279	11.0	7.2	1.5	1.6	17.1	63.3	58.6
8.6	49	394	15.5	343	13.5	9.0	1.8	1.3	13.5	79.8	73.9
8.8	50	403	15.9	351	13.8	9.2	1.9	1.2	13.2	81.7	75.6
10.8	61	517	20.3	430	16.9	11.8	2.4	1.0	10.3	104.6	96.8

This chart indicates the minimum number of bags to use. The final result will vary according to the application technique, the equipment and the hose used. The thermal resistances presented in this chart are measured after settlement, according to ASTM C518 standard and ASTM C687 conditioning method. A 15% settlement rate for RSI 8.6 (R-49) and RSI 8,8 (R-50) and a 20% settlement rate for RSI 10,8 (R-61) was added. For the most up-to-date information, please refer to our website at www.soprema.ca.

Total surface area covered _____ R-value installed _____ Number of bags used _____

INFORMATIONS

ADDRESS _____

DATE OF APPLICATION _____
DAY / MONTH / YEAR

NAME OF APPLICATOR _____

THICKNESS INSTALLED _____

SIGNATURE _____

BR430_082019

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SOPRA-CELLULOSE

THEMAL AND ACOUSTICAL CELLULOSE INSULATION FOR INTERIOR AND EXTERIOR WALLS, ATTICS, FLOORS AND CEILINGS.

COVERAGE CHART (WALL)

Wall density : 56 kg/m³ (3.5 lb/ft³) or 64 kg/m³ (4 lb/ft³)*

THERMAL RESISTANCE		INSULATION THICKNESS		MASS PER UNIT AREA		COVERAGE PER BAG		MIN. BAGS PER UNIT AREA	
RSI	R	mm	in	kg/m ²	lb/ft ²	m ²	ft ²	100 m ²	1000 ft ²
2.2	12.7	89	3.5	4.5	0.9	2.5	27.2	40	37
3.5	19.9	140	5.5	7.0	1.4	1.6	17.3	62	58
6.4	36.2	254	10	15.0	3.1	0.8	8.2	132	123
7.6	43.4	305	12	18.2	3.7	0.6	6.7	160	149
8.9	50.7	356	14	21.4	4.4	0.5	5.7	189	176
10.2	57.9	406	16	24.7	5.1	0.5	4.9	218	202
11.5	65.1	457	18	27.9	5.7	0.4	4.4	246	229
12.7	72.4	508	20	31.2	6.4	0.4	3.9	275	255

*SOPRA-CELLULOSE must be injected to a minimum density of 56 kg/m³ (3.5 lb/ft³) for wall thickness up to 150 mm (6 inches) and to a minimum density of 64 kg/m³ (4 lb/ft³) for walls thickness greater than 150 mm (6 inches).

This chart indicates the minimum number of bags to use. The final result will vary according to the application technique, the equipment and the hose used. The minimum number of bags required takes into account the volume of the wood structure. For walls with metal structure, additional bags may be required. Check with your representative for more information. For the most up-to-date information, please refer to our website at www.soprema.ca.

Total surface area covered _____ R-value installed _____ Number of bags used _____

INFORMATIONS

ADDRESS _____

DATE OF APPLICATION _____
DAY / MONTH / YEAR

NAME OF APPLICATOR _____

THICKNESS INSTALLED _____

SIGNATURE _____

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