

MINIMUM NOISE

Thanks to its ability to fill voids homogeneously, efficiently and economically, SOPRA-CELLULOSE AB has superior acoustic properties which increase noise absorption and bring tranquility to the occupants of the home.

NO HEALTH HAZARD

SOPRA-CELLULOSE AB does not contain asbestos, fiberglass, or formaldehyde. It is certified for its low volatile organic compound (VOC) content. The product does not irritate the skin and provides superior resistance to corrosion, moisture, and mold. Moreover, its flame-retardant properties help prevent the intrusion of insects, vermin, and small rodents.

SOPRA-CELLULOSE AB is GREENGUARD Gold certified, which considers safety factors on behalf of sensitive individuals and ensures that a product is acceptable for use in environments such as schools and healthcare facilities.



MAXIMUM SAFETY

The laboratory test results of SOPRA-CELLULOSE AB, manufactured in accordance with ASTM C739, demonstrate its exceptional fire retardant properties.



INNOVATION SINCE 1908

SOPREMA has developed around the idea that the quality, durability and reliability of materials must match builders' ambitions and expectations. For more than 100 years, SOPREMA has been using its expertise to develop a variety of high-end products that meet or exceed all the requirements of the construction field.

ROOFS WALLS FOUNDATIONS PARKING DECKS BRIDGES ADDITIONAL EXPERTISE



SOPREMA is an international manufacturer specializing in the production of waterproofing and insulation products, as well as vegetative and soundproofing solutions, for the building and civil engineering sectors.

CUSTOMER SERVICE

Professionals
SOPREMA.CA
1.877.MAMMOUTH

SOPRA-CELLULOSE AB

COMFORT OPTIMIZED
NOISE MINIMIZED



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



When selecting insulation material for your home, you need to consider costs, energy efficiency and environmental impact, but you must also think about your family's health, safety and quality of life.

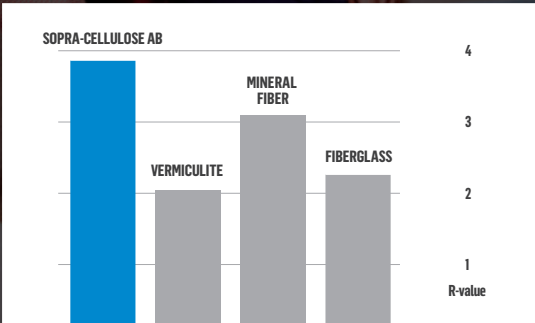
SOPRA-CELLULOSE AB, a thermal and acoustic insulation made of 85 % recycled newspapers and 15 % flame-retardant minerals, is used for both new constructions and renovations.

OPTIMUM COMFORT

With an R-value of 3.7 per inch, SOPRA-CELLULOSE AB offers the highest thermal resistance of all traditional bulk insulation fibers on the market, allowing superior control of temperature and humidity.

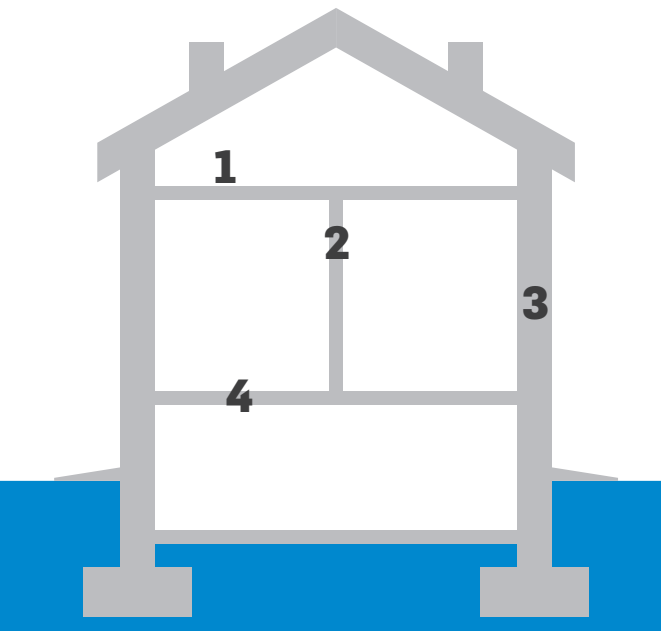
GREAT SAVINGS

Cellulose is one of the best choices in terms of value for money. Furthermore, its high-energy efficiency translates into potential annual savings on heating and cooling costs.



Comparative table of the R-value (thermal resistance) per inch of thickness of the most common blown insulation.

VERSATILE AND EASY
INSTALLATION



1 Attic insulation



2 Soundproofing of inside walls



3 Insulation of outdoor walls

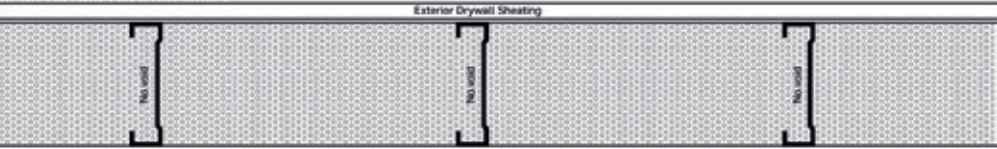


4 Soundproofing of floors

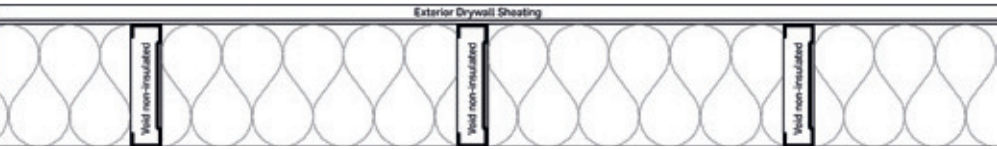


The insulating material penetrates the small interstices of the structure to form a homogeneous, seamless cushion, thus limiting air infiltration and thermal bridges.

BLOWN CELLULOSE INSULATION



TRADITIONAL BATT INSULATION



COVERAGE SPECIFICATIONS – BLOWN APPLICATION

COVERAGE CHART (ATTIC) • Settled density (1.5 lb/ft³)					
THERMAL RESISTANCE	APPLIED THICKNESS	THICKNESS AFTER SETTLING	MASS PER UNIT AREA	COVERAGE PER BAG	MINIMUM BAGS PER UNIT AREA
R	in	in	lb/ft²	ft²	1000 ft²
12	3.7	3.3	0.42	59.7	16.8
13	4.0	3.6	0.46	54.5	18.4
19	6.0	5.3	0.68	36.9	27.1
20	6.1	5.5	0.70	35.8	27.9
22	6.9	6.1	0.78	32.1	31.1
30	9.3	8.3	1.06	23.6	42.3
32	9.8	8.8	1.12	22.4	44.7
38	11.8	10.5	1.34	18.7	53.5
40	12.3	11.0	1.40	17.9	55.9
49	15.1	13.5	1.72	14.6	68.6
50	15.5	13.8	1.76	14.2	70.2
61	19.0	16.9	2.16	11.6	86.2

Settled density 1.5 lb/ft³. The R-value presented in this chart is measured after settlement, according to ASTM C518 standard and ASTM C687 conditioning method. 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. From RSI-7.0 or R-40, it may be necessary to make an adjustment according to the application technique. For the most up-to-date information, please refer to our website at www.soprema.ca or your SOPREMA representative.

INSTALLATION CHART (WALL)				
STRUCTURE	STRUCTURE DIMENSION	THERMAL RESISTANCE	MASS PER UNIT AREA	COVERAGE PER BAG
	in	R	lb/ft²	ft²
WOOD	2 × 4*	14.8	1.05	23.8
	2 × 6*	22.2	1.58	15.9
	2 × 8**	28.7	2.33	10.8
METAL	2 × 4*	16.7	1.31	19.1
	2 × 6*	24.1	1.90	13.2
	2 × 8**	31.5	2.83	8.8

* Minimum installed density of 3.5 lb/ft³ for walls with structures of 2 × 6 inches and less. ** Minimum installed density of 4 lb/ft³ for walls with structures greater than 2 × 6 in. 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. For the most up-to-date information, please refer to our website at www.soprema.ca or your SOPREMA representative.



ENVIRONMENTALLY
FRIENDLY

SOPRA-CELLULOSE AB's composition—based on 100% recycled fibers and an eco-friendly manufacturing process—contributes to meeting LEED program requirements as well as the standards of other green-building programs that provide entitlement to tax credits.

