

A history of innovation

Focusing on tomorrow and proud of its 90-year heritage, Soprema remains the leading innovator in the field of roofing and waterproofing products.

Soprema has an intensive Research and Development agenda to provide specifiers and building owners with a superior long-lasting alternative to conventional built-up roofing. Soprema's products are safer, easier and faster to install as well as environmentally friendly and cost effective.

SBS modified bitumen is about to change your concept of roofing!

Soprema membranes redefine the qualities of high-performance roofing by combining strength and flexibility. SBS modified bitumen increases elasticity by over 1,000% and ensures resistance to temperature shifts from -30°C to 105°C on all surfaces, regardless of inclination or roof complexity.

The Soprema advantage!



COLPLY
High-performance Roofing System

Technical specifications*

Base sheet installation

Beginning at the drains and perpendicular to the slope, install the membrane base sheet in a full bed of adhesive applied at the rate of 6 to 8 litres per 10 square meters of roofing area. After placement in the adhesive, roll or broom the surface of the installed sheet to ensure complete and uniform embedment.

Install the base sheet in parallel courses with end joints staggered a minimum of 300 mm, lap side joints 100 mm, and end joints 150 mm. Aim for a smooth application, free of air pockets, fishmouths or tears.

Cap sheet installation

Beginning at the drains and perpendicular to the slope, install the cap sheet in a full bed of adhesive applied at the rate of 6 to 8 litres per 10 square meters. Install the cap sheet in parallel courses with end joints staggered a minimum of 300 mm, lap side joints 100 mm, and end joints 150 mm. Stagger joints between membrane plies a minimum of 300 mm.

Immediately after placement of the sheet in adhesive, roll the surface to ensure complete and uniform embedment. Aim for a smooth application, free of wrinkles, fishmouths, air pockets or tears.

* Install base sheet and cap sheet flashing according to current Soprema specifications. Soprema's complete technical notice prevails.

System properties

Properties	Standards	System with regular cap sheet	System with traffic cap sheet
Strain energy (kJ/m)	CAN/CGSB 37.56-M 9 th draft	11.0 / 10.5	18.4 / 18.1
Breaking strength (kN/m)	CAN/CGSB 37.56-M 9 th draft	17 / 16.0	31.0 / 31.0
Ultimate elongation (%)	CAN/CGSB 37.56-M 9 th draft	60 / 60	60 / 60
Tear resistance (N)	CAN/CGSB 37.56-M 9 th draft	155	205
Static puncture (N)	CAN/CGSB 37.56-M 9 th draft	380	540
Dimensional Stability (%)	CAN/CGSB 37.56-M 9 th draft	0 / 0	0.2 / 0
Plastic flow (°C)	CAN/CGSB 37.56-M 9 th draft	105	105
Cold bending (°C)	CAN/CGSB 37.56-M 9 th draft		
- initial		-30	-30
- 90 days at 70°C		-30	-30

Notes:

- All values are nominal.
- Adhesive applications must conform to minimum application temperatures and methods. Consult Soprema for all adhesive applications.

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Who says it really has to stink to stick?

COLPLY
High-performance Roofing System



High-performance modified bitumen membranes without torching or mopping



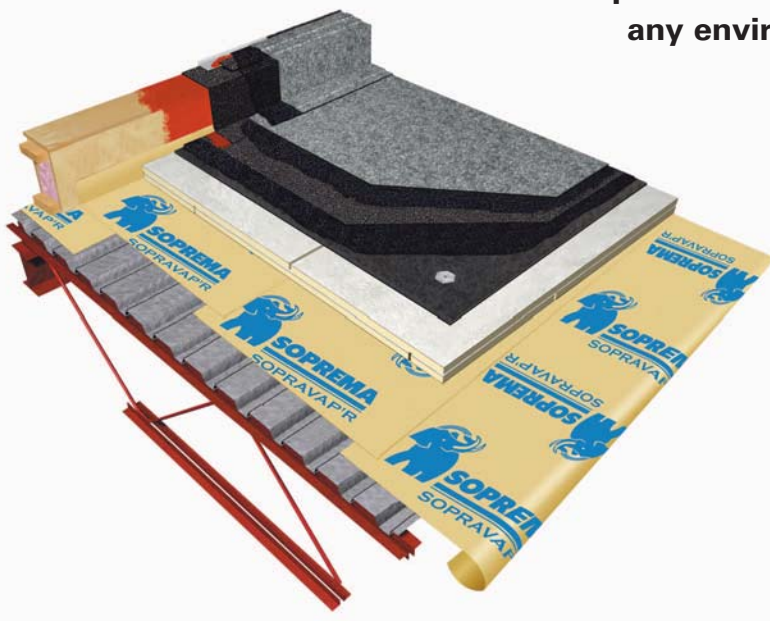
High-performance modified bitumen membranes without torching or mopping

Colply, the system that can be installed without disturbing the building occupants

THE COLPLY SYSTEM is a heavy-duty two-ply roofing system installed over suitable insulation and substrates with cold adhesives. Cap sheets are protected from ageing by lightweight colored granules. Ideal for apartment buildings, schools, health care centers or any environment where minimal disruption during installation is desired.

The Colply system advantage means... You can easily repair or upgrade your roofing membrane

There is no need to pile on the plies to get an efficient cold-ply system. Practically maintenance free, it can easily be repaired or upgraded: simply install a new ply over an old or damaged section.



With the Colply system, your roof will not end up as landfill

No more adding or removing gravel, which is 3 times heavier.* Think about it. Compared to a Soprema roof, the roof of an average 9,000 square meter building with traditional BUR needlessly supports excess weight equal to 150 mid-size cars. A massive difference!



* Estimates based on the Canadian Roofing Contractors Association "Roofing Specifications" (January 1997).

Systems and components

Base sheet	COLPLY BASE-410
Cap sheets	COLPLY CAP-450 or COLPLY TRAFFIC CAP-460 (heavy traffic applications)
Fire-Rated cap sheets	COLPLY CAP FR-451 or COLPLY TRAFFIC CAP FR-461 (heavy traffic applications)
Flashing base sheet (self-adhesive membrane)	SOPRALENE STICK ADHESIVE or SOPRAFLASH STICK
Adhesives	Install membranes on horizontal surfaces with COLPLY BRUSH GRADE adhesive. Install membranes on sloped surfaces with COLPLY TROWEL GRADE adhesive.
Accessories	Primers, fasteners, adhesives and other accessories required to install the roofing membrane system shall be supplied and installed according to Soprema instructions.

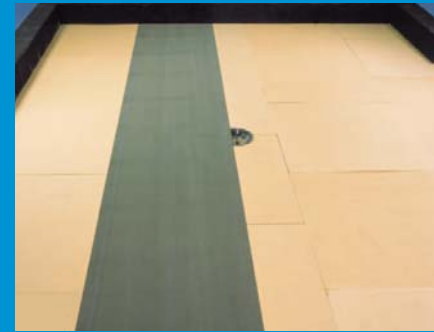


Systems series 400 heavy-duty two-ply roofing systems

Seven steps to great roofing



1 Unroll each roll dry for proper alignment, prior to installation.



2 Apply the base sheet in a full bed of adhesive.



3 Broom or roll the base sheet to maximize adherence and eliminate voids.



4 Install the peel and stick base flashing membrane over primed substrate.



5 Apply the cap sheet in a full bed of adhesive.



6 Roll the cap sheet to maximize adherence and eliminate voids.



7 Install the cap sheet flashing membrane in a full bed of adhesive.

