

MEMBRANE SYSTEMS

COLPLY SYSTEMS

(Systems series # 400)

Description: The **COLPLY SYSTEMS** are heavy duty two-ply roofing systems installed over suitable insulation and substrates with cold adhesives. Cap sheets are protected with coloured granules for U.V. and abrasion resistance.

Membrane installation with **COLPLY** adhesives can only be performed at temperatures above 5 °C.

Heavy-duty **COLPLY SYSTEMS** (using a **TRAFFIC CAP** membrane) can also be adhered with **SOPRASPHALTE M** (SEBS-modified asphalt).

For complete information on application and systems, please consult our specification manual.

Advantages:

- Fire hazard associated with open flame is eliminated.
- Nuisance and odours to building occupants is reduced.
- Future removal is not required to upgrade system.
- Lightweight.
- Hot asphalt or torches are not required.

Systems and components:

	Base sheet (10 m x 1 m)	Cap sheets * (10 m x 1 m)
Membranes:	COLPLY BASE-410	COLPLY CAP-450 COLPLY TRAFFIC CAP-460

* Use **COLPLY TRAFFIC CAP-460** for heavy traffic applications.

Flashing base sheets (self-adhered): **SOPRALENE FLAM STICK, SOPRAFLASH FLAM STICK**
SOPRALENE STICK ADHESIVE, SOPRAFLASH STICK

FR cap sheets: Fire Rated cap sheets are available for increased fire resistance. Use.
COLPLY CAP FR-451 (10 m x 1 m)
or
COLPLY TRAFFIC CAP FR-461 (10 m x 1 m)

Reinforcements: The reinforcement used in **COLPLY BASE-410** and **COLPLY TRAFFIC CAP-460** is heavy-duty composite reinforcement, covered by the ASTM D6162 standard. **COLPLY CAP-450** is reinforced with a glass mat, covered by the ASTM D6163 standard.

Accessories: Primers, fasteners, adhesives and other accessories required to install the roofing membrane system shall be supplied and installed following **SOPREMA**'s instructions. **COLPLY ADHESIVE BRUSH** should be used to adhere membranes on horizontal surfaces. For flashing membranes and membranes on sloped surfaces, use **COLPLY ADHESIVE TROWEL GRADE**.

System Properties:

Properties	Standards	COLPLY System with regular Cap Sheet	COLPLY System with TRAFFIC Cap Sheet
Strain energy, MD/XD (kN/m)	CAN/CGSB-37.56-M 9 th draft	11.0 / 10.5	18.4 / 18.1
Tensile strength, MD/XD (kN/m)	CAN/CGSB-37.56-M 9 th draft	17.0 / 16.0	31.0 / 31.0
Ultimate elongation, MD/XD (%)	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, MD/XD (%)	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) - initial - 90 days at 70 °C	CAN/CGSB-37.56-M 9 th draft	-30 -30	-30 -30

(All values are nominal)

1.877.MAMMOUTH
www.soprema.ca



NOTE: SOPREMA INC. may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.