



# DUOLAP

LIGHT COMMERCIAL FLAMELESS  
WATERPROOFING SYSTEM FOR  
INTERIOR SLOPES WITH ROOF DRAIN



- Superior waterproofing, thanks to DUO SELVEDGE Technology
- Elimination of propane tools: mechanically fastened and laminated under a self-adhesive cap sheet
- DUOBOARD lamination process is made in a controlled environment factory so it eliminates the delamination and wrinkling risks
- Sustainable system that is covered by the applicable warranties
- With mechanical fasteners, the DUOLAP system can be installed on existing roofing without removing it
- If the base was mechanically fixed, the DUOLAP system can be removed without damaging the other components of the roof at the end of its useful life

## CAP SHEET MEMBRANE



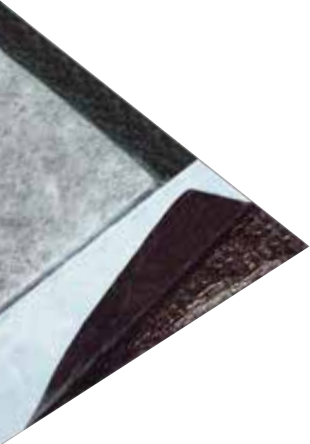
### DUOLAP CAP GR

DUOLAP CAP GR is a high-performance SBS modified bitumen cap sheet membrane.

- Granulated surface
- Self-adhesive underface covered with a release protection film
- Composite reinforcement for excellent resistance (elongation and puncture) and incomparable dimensional stability
- DUO SELVEDGE technology

| Product             | Code  | Thickness             | Dimension                      | Net coverage                              |
|---------------------|-------|-----------------------|--------------------------------|-------------------------------------------|
| DUOLAP CAP GR GREY  | 09231 | 149.6 mil<br>(3,8 mm) | 3.3 ft x 33 ft<br>(1 m x 10 m) | 97 ft <sup>2</sup><br>(9 m <sup>2</sup> ) |
| DUOLAP CAP GR BLACK | 09236 |                       |                                |                                           |
| DUOLAP CAP GR BROWN | 09238 |                       |                                |                                           |
| DUOLAP CAP GR GREEN | 09248 |                       |                                |                                           |

## OTHER SYSTEM PRODUCTS



### DUOBOARD SANDED

DUOBOARD SANDED is a high-performance, semi-rigid support panel composed of an SBS modified bitumen membrane factory-laminated on an asphaltic board.

- Sanded SBS modified bitumen membrane on the surface
- Semi-rigid asphaltic board as underface
- Nonwoven polyester reinforcement
- Thin, flexible panels that perfectly cover uneven wood decks and membranes
- DUO SELVEDGE technology

| Product         | Code  | Thickness        | Dimension                      | Net coverage                              |
|-----------------|-------|------------------|--------------------------------|-------------------------------------------|
| DUOBOARD SANDED | 09961 | 7/32 in (5,4 mm) | 3 ft x 8 ft (0.914 m x 2.44 m) | 24 ft <sup>2</sup> (2.23 m <sup>2</sup> ) |

### SOPRA-ISO

SOPRA-ISO is a closed-cell polyisocyanurate foam insulation board use as thermal insulation in roofing systems.

- Fibre-reinforced felt surface and underface
- Closed-cell polyisocyanurate foam insulation providing an R-value of 5.7 per inch



| Product               | Code  | Thickness       | Dimension                      | Net coverage                                 |
|-----------------------|-------|-----------------|--------------------------------|----------------------------------------------|
| SOPRA-ISO 4 ft x 8 ft | 40421 | 2 in (50.8 mm)  | 4 ft x 8 ft<br>(1.2 m x 2.4 m) | 32 ft <sup>2</sup><br>(2.88 m <sup>2</sup> ) |
|                       | 40453 | 3 in (76.2 mm)  |                                |                                              |
|                       | 40474 | 4 in (101.6 mm) |                                |                                              |
| SOPRA-ISO 4 ft x 4 ft | 40410 | 2 in (50.8 mm)  | 4 ft x 4 ft<br>(1.2 m x 1.2 m) | 16 ft <sup>2</sup><br>(1.44 m <sup>2</sup> ) |
|                       | 40436 | 3 in (76.2 mm)  |                                |                                              |
|                       | 40431 | 4 in (101.6 mm) |                                |                                              |



## BASIC WATERPROOFING MEMBRANE

An SBS modified bitumen base sheet membrane for roofing systems.

- Trilaminare woven polyethylene surface
- Self-adhesive underface covered with a split-back release protection film
- Anti-slip surface resistant to tearing and foot traffic

| Product                      | Code  | Thickness       | Dimension                   | Net coverage                               |
|------------------------------|-------|-----------------|-----------------------------|--------------------------------------------|
| BASIC WATERPROOFING MEMBRANE | 15254 | 60 mil (1.5 mm) | 3.3 ft x 65 ft (1 m x 20 m) | 215 ft <sup>2</sup> (19.6 m <sup>2</sup> ) |



## PROTEMP

Self-adhesive membrane composed of SBS modified bitumen with a polyethylene woven composite facer, used as a vapour barrier on steel deck.

- Resistant to work crew traffic
- UV exposure up to 90 days
- No primer required on steel

| Product | Code  | Thickness       | Dimension                      | Net coverage                               |
|---------|-------|-----------------|--------------------------------|--------------------------------------------|
| PROTEMP | 15201 | 30 mil (0.8 mm) | 3.8 ft x 134 ft (1.14m x 41 m) | 468 ft <sup>2</sup> (43.5 m <sup>2</sup> ) |



## FLASH STICK

FLASH STICK is a base sheet membrane composed of SBS modified bitumen.

- Sanded surface
- Self-adhesive underface covered with a release protection film
- Glass mat reinforcement

| Product     | Code  | Thickness       | Dimension                   | Net coverage                               |
|-------------|-------|-----------------|-----------------------------|--------------------------------------------|
| FLASH STICK | 00315 | 98 mil (2.5 mm) | 3.3 ft x 49 ft (1 m x 15 m) | 145 ft <sup>2</sup> (13.5 m <sup>2</sup> ) |



## LAP STICK

LAP STICK is a self-adhesive SBS modified bitumen cover strip designed to ensure waterproofing of end laps on panels or any other application requiring the use of a cover strip.

- Sanded surface
- Self-adhesive underface covered with a release protection film
- Composite reinforcement

| Product   | Code  | Thickness       | Dimension                       | Net coverage                             |
|-----------|-------|-----------------|---------------------------------|------------------------------------------|
| LAP STICK | 04088 | 98 mil (2.5 mm) | 13 in x 39.6 ft (0.33 m x 12 m) | 43 ft <sup>2</sup> (3.9 m <sup>2</sup> ) |



## ELASTOMERIC SEALER

Our ELASTOMERIC SEALER is a mastic containing elastomeric bitumen, volatile solvents, asbestos-free fibres and mineral fillers. It enhances waterproofing features when used with RESISTO membranes and waterproofing strips.

| Product            | Code  | Size           |
|--------------------|-------|----------------|
| ELASTOMERIC SEALER | 65653 | 2.6 gal (10 L) |



## ELASTOCOL STICK

ELASTOCOL STICK is a primer designed to enhance the adhesion of self-adhesive membranes on various surfaces. It is composed of SBS synthetic rubbers, adhesive-enhancing resins and volatile solvents. It is also suitable to prime non-porous surfaces, such as concrete, fibre cement, metal, and wood.

| Product         | Code  | Size         |
|-----------------|-------|--------------|
| ELASTOCOL STICK | 37746 | 5 gal (19 L) |

## SCREWS AND PLATES FOR MEMBRANE

Mechanical fasteners designed for heavy-duty anchoring of membranes, support panels and insulation boards to steel or wood decks.

| Product                                      | Code  | Length         | Quantity per box |
|----------------------------------------------|-------|----------------|------------------|
| Pre-assembled screws and 2 in (50 mm) plates | 27224 | 2 in (5.1 cm)  | 500              |
|                                              | 24225 | 3 in (7.6 cm)  | 500              |
|                                              | 27344 | 4 in (10.1 cm) | 250              |
|                                              | 21295 | 5 in (12.7 cm) | 250              |
|                                              | 21261 | 6 in (15.2 cm) | 250              |
|                                              | 27239 | 7 in (17.8 cm) | 250              |
|                                              | 27294 | 8 in (20.3 cm) | 200              |

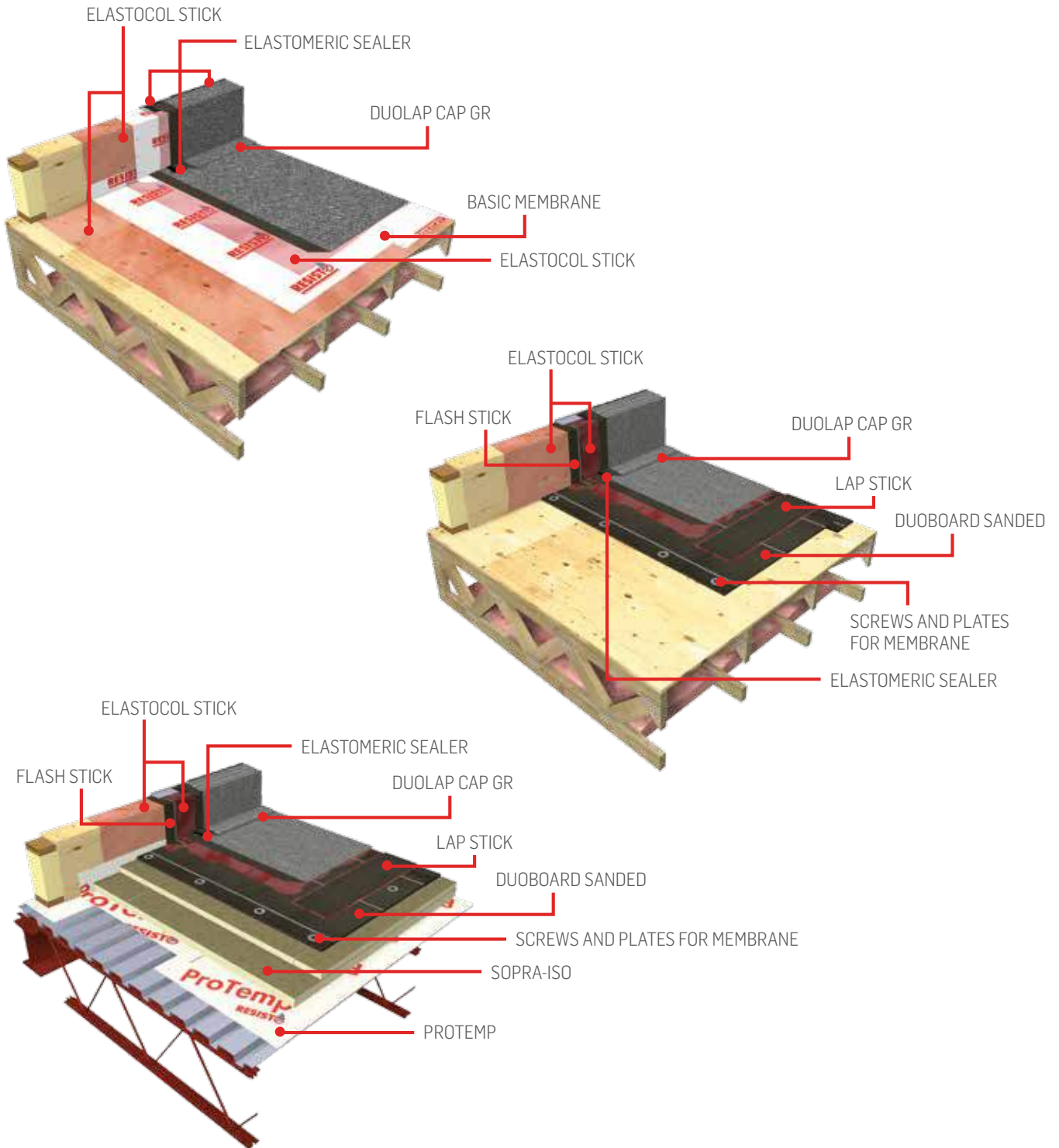


**DUO SELVEDGE**  
TECHNOLOGY

For the safest installation, DUOLAP CAP GR is provided with DUO SELVEDGE, a unique technology developed and patented by SOPREMA in 2004, especially adapted to this cap sheet membrane.

On the full width of DUO SELVEDGE, a first part is self-adhesive. The remaining portion is then safely sealed with a hot-air gun. This provides additional waterproofing safety at overlaps.

# PROPOSED SYSTEMS



## TESTS AND APPROVALS

**CSA A123.21**  
MEETS CSA STANDARD



## EQUIPMENT

### DUOMATIC

The automatic hot-air welder is the perfect tool to bond DUO SELVEDGE on the RESISTO membranes.

- Uniform and constant fusion
- Nozzle adapted to the dimensions of DUO SELVEDGE
- Rapidity of execution
- Ideal for large surfaces



### ELECTRIC HEAT GUN



### DUOLAP High-Performance Waterproofing System

The two-ply high-performance Duolap system, combining the waterproofing and durability features of SBS bitumen membranes, is covered by a 20-year warranty offered by the manufacturer\*, provided that it is installed by a Certified Installer and that all warranties conditions have been respected.

### RESISTO Certified Installer

The "DUOLAP Certified Installer" certification can be obtained by completing RESISTO's training. It grants access to products and tools used in the DUOLAP system.

### TRAINING

Developed and provided by RESISTO's technical advisers, this one-day training session covers the theory and practices used to install the Duolap system according to RESISTO standards.

\*For more details on training and warranties, please contact your RESISTO representative.