

# SOPRAPLY BASE 520

## DESCRIPTION

**SOPRAPLY BASE 520** is a high performance base sheet membrane composed of SBS modified bitumen and a composite reinforcement. Both sides are covered with a thermofusible plastic film.

## INSTALLATION

### HEAT-WELDED

**SOPRAPLY BASE 520** is heat-welded with a propane torch.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

## PACKAGING

| Specifications | SOPRAPLY BASE 520                               |
|----------------|---|
| Thickness      | 2.5 mm (98 mils)                                |
| Reinforcement  | Composite                                       |
| Dimensions     | 1 m x 10 m (3.3 pi x 33 pi)                     |
| Weight         | 3.3 kg/m <sup>2</sup> (0.7 lb/ft <sup>2</sup> ) |
| Selvedge width | 75 mm (3 in)                                    |
| Surface        | Thermofusible plastic film                      |
| Underface      | Thermofusible plastic film                      |
| Rolls per skid | 36  |

## PROPERTIES

**SOPRAPLY BASE 520** as per CAN/CGSB-37.56-M, 9th draft

| Properties                      | MD                | XD        |
|---------------------------------|-------------------|-----------|
| Strain energy                   | 7.8 kN/m          | 7.2 kN/m  |
| Breaking strength               | 15 kN/m           | 13.5 kN/m |
| Ultimate elongation             | 60 %              | 65 %      |
| Tear resistance                 | 125 N             |           |
| Static puncture resistance      | 560 N             |           |
| Dimensional stability           | 0.2 %             | 0 %       |
| Plastic flow                    | ≥ 110 °C (230 °F) |           |
| Cold bending at -30 °C (-22 °F) | No cracking       |           |
| Lap joint strength              | Pass > 4 kN/m     |           |

(Meets and exceeds the requirements of ASTM D6162, type I).  
(All values are nominal)

## STORAGE & HANDLING

Rolls must be stored upright, with the selvedge side on top. If the products are stored outside, cover them with an opaque protection cover after the packaging provided for delivery has been removed.

