

# COLVENT BASE 840

## DESCRIPTION

**COLVENT BASE 840** is a partially bonded high performance base sheet membrane. The base sheet membrane is composed of SBS modified bitumen and a glass mat reinforcement. The surface is sanded. The underface, made of discontinuous self-adhesive strips, is covered with a release protection film.

**COLVENT BASE 840** is provided with **DUO SELVEDGE** technology (50 % self-adhesive/50 % thermofusible).

## SURFACE PREPARATION

Using one of the **ELASTOCOL STICK** primer is required before the installation of **COLVENT BASE 840** membrane. Surfaces must be clean, dry and free of loose particles.

## INSTALLATION

### SELF-ADHESIVE

**COLVENT BASE 840** must be adhered to support by peeling off the release protection film. Once installed, a pressure must be applied over the whole surface using a membrane roller to ensure full adhesion.

### DUO SELVEDGE

The first 50% of **DUO SELVEDGE** is self-adhesive. The remaining 50% is sealed using an electric hot-air welder. The use of **SOPRAMATIC** automatic hot-air welder increase the speed and quality of the seal.

Minimum temperature application:  $\geq 10\text{ }^{\circ}\text{C}$  (50  $^{\circ}\text{F}$ ).

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

## PACKAGING

Specifications	COLVENT BASE 840
Thickness	2.5 mm (98.4 mil)
Reinforcement	Glass mat
Dimensions	1 m x 12 m (3.3 ft x 39 ft)
Roll weight	2.8 kg/m <sup>2</sup> (0.6 lb/ft <sup>2</sup> )
Selvedge width	100 mm (4 in)
Surface	Sanded
Underface	Self-adhesive, covered with a release protection film
Rolls per skid	25



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TECHNICAL DATA SHEET  
150312SCAN6E  
(supersedes 130602SCAN4E)

## PROPERTIES

COLVENT BASE 840 as per CAN/CGSB-37.56-M, 9th draft).

Properties	COLVENT BASE 840
Strain energy @ 23 °C (73.4 °F), MD/XD	1.0 / 0.9 kN/m
Breaking strength @ 23 °C (73.4 °F), MD/XD	5.8 / 5.4 kN/m
Elongation at max load @ 23 °C (73.4 °F), MD/XD	3 / 3 %
Tear resistance @ 23 °C (73.4 °F)	30 N
Static puncture resistance	120 N
Dimensional stability, MD/XD	< 0.5 / < 0.5 %
Plastic flow, ASTM D5147	105 °C (221 °F)
Cold bending, ASTM D5147	-25 °C (-13 °F)

(All values are nominal)

## STORAGE & HANDLING

Rolls must be stored upright, with the selvedge side on top. If the products are stored outdoors, cover them with an opaque protection cover after removal of the delivery packaging.

