

COLVENT BASE 830

DESCRIPTION

COLVENT BASE 830 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 covered with a thermofusible plastic film. The underface, made of discontinuous self-adhesive strips, is covered with a release protection film.

COLVENT BASE 830 is provided with **DUO SELVEDGE** technology (60 % self-adhesive/40 % thermofusible).

SURFACE PREPARATION

Using one of the **ELASTOCOL STICK** primer is required before the installation of **COLVENT BASE 830** membrane, except when using **SOPRA-ISO PLUS insulation panels, which does not required primer**. Surfaces must be clean, dry and free of loose particles.

INSTALLATION

SELF-ADHESIVE

COLVENT BASE 830 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 60% of **DUO SELVEDGE** is self-adhesive. The remaining 40% surface of the selvedge is sealed with a torch and a round nosed trowel.

Minimum temperature application: ≥ -10 °C (14 °F).

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

PACKAGING

Specifications	COLVENT BASE 830
Thickness	2.5 mm (98.4 mil)
Reinforcement	Glass mat
Dimensions	1 m x 12 m (3.3 ft x 39 ft)
Weight	2.9 kg/m ² (0.6 lb/ft ²)
Selvedge width	75 mm (3 in)
Surface	Thermofusible plastic film
Underface	Self-adhesive, covered with a release protection film
Rolls per skid	25



COLVENT BASE 830

TECHNICAL DATA SHEET
150312SCAN5E
(supersedes 140602SCAN3E)

PROPERTIES

COLVENT BASE 830 as per CAN/CGSB-37.56-M, 9th draft).

Properties	COLVENT BASE 830
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.

