

SOPRABASE FR

SOPRABASE FR 180



Description:

SOPRABASE FR and **SOPRABASE FR 180** are high-strength wood fibreboards impregnated with a fire retardant with a factory laminated SBS bitumen base sheet membrane. The top face of the membrane is covered with a thermofusible plastic film.

SOPRABASE FR and **SOPRABASE FR 180** have a patented **DUO SELVEDGE**, exclusive at Soprema. The first 50 mm (2 in) of the **DUO SELVEDGE** are self-adhesive and sealed by applying pressure with a roller. The last 25 mm (1 in) of the **DUO SELVEDGE** is heat-welded by using appropriated tools. **SOPRALAP** cover strip must be installed at the end lap to ensure the waterproofing of the membranes.

SOPRABASE FR and **SOPRABASE FR 180** boards can be mechanically fastened, bonded with hot bitumen or **COLTACK** or **DUOTACK** adhesives.

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

Properties:

| Properties | Standards | SOPRABASE FR | SOPRABASE FR 180 |
|---------------------------------|--|--|---------------------|
| Board Dimensions (m) | – | 0.91 x 2.59 (3 x 8.5 ft) | |
| Membrane Dimensions (m) | – | 1 x 2.61 (39 in x 8.6 ft) | |
| Thickness (mm) | – | 12.5 (0.5 in) | |
| Weight (kg) | – | 13.6 (30 lb) | 13.0 (29 lb) |
| R value | – | 1.6 | |
| Flame spread (fibreboard) | ULC S-102 / ULC S-102.2 | < 25 | |
| Membrane Properties | | | |
| Reinforcement Type | – | Glass Mat | Non-Woven Polyester |
| Breaking Strength, MD/XD (kN/m) | CAN/CGSB-37.56-M, 9 th draft | 11 / 8.5 | 14.4 / 10.9 |
| Ultimate Elongation, MD/XD (%) | CAN/CGSB-37.56-M, 9 th draft | 4 / 4 | 48 / 59 |
| Tear Strength, MD/XD (N) | ASTM D5601 | 30 | 50 |
| Cold bending (°C) | -initial -90 days at 70°C | CAN/CGSB-37.56-M, 9 th draft | -30 -30 |

(All values are nominal)

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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.