



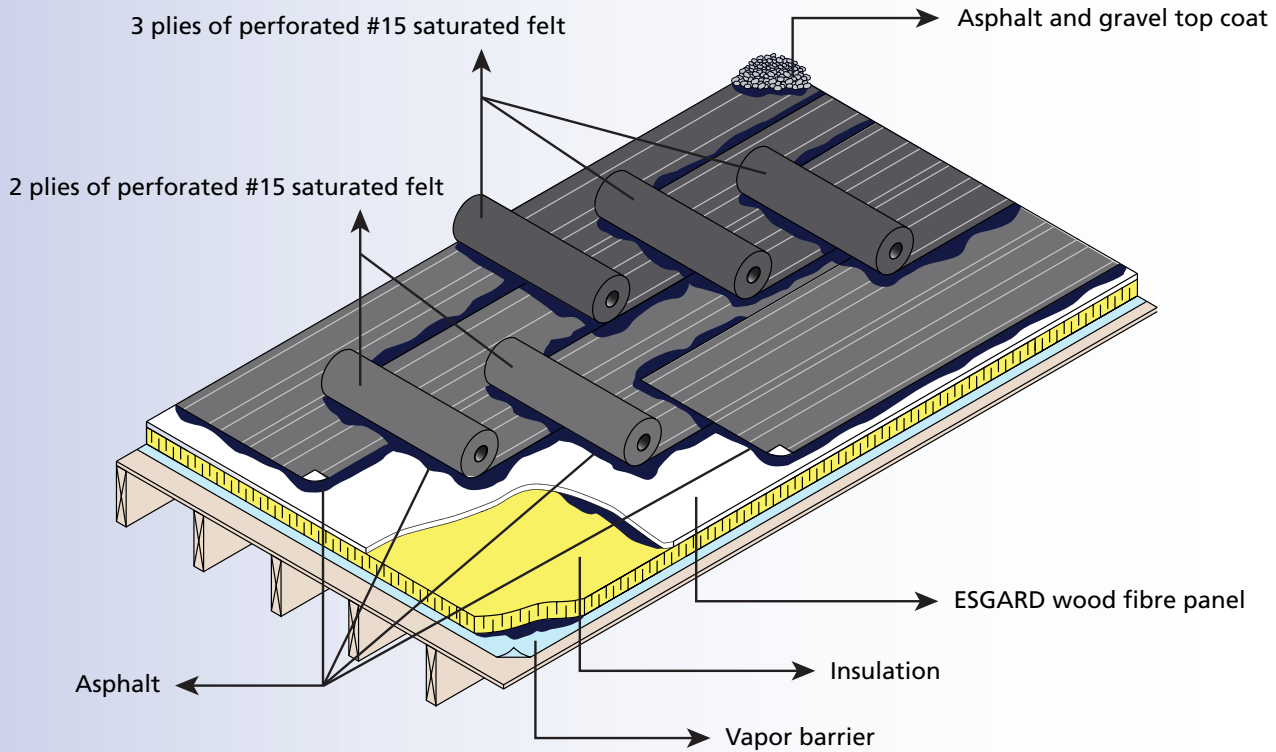
PRODUCT SELECTION GUIDE
ESGARD
ROOF INSULATION

ESGARD Roof Insulators are composed of interlocking wood fibres impregnated with a water-repellant petroleum wax emulsion that imparts a high resistance to water absorption. In addition to providing an R3/in insulation value, ESGARD panels increase the rigidity of the roofing system, making them the ideal substrate for roofing membranes as well as an ideal surface for the application of hot asphalt.

ESGARD Roof Insulators are available uncoated, impregnated with an asphalt emulsion, or coated with either an asphalt or regular coating. The emulsion or coating reduces asphalt penetration in the panel.



CAN/CSA-A123.21-14 | STANDARD TEST METHOD FOR THE DYNAMIC WIND UPLIFT RESISTANCE OF MEMBRANE-ROOFING SYSTEMS

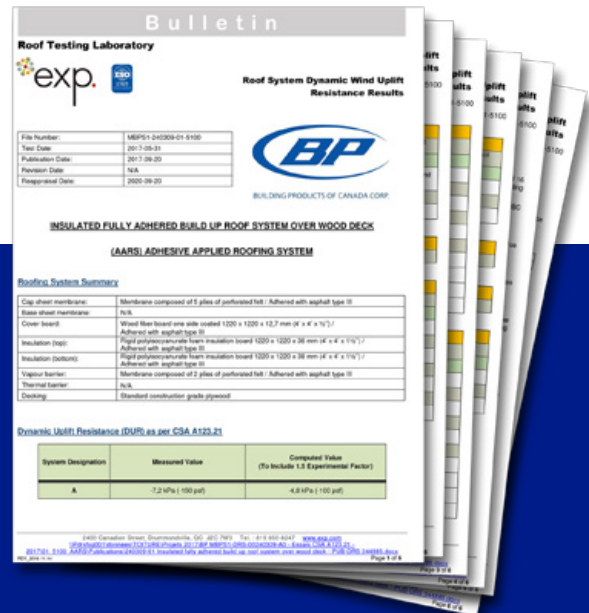
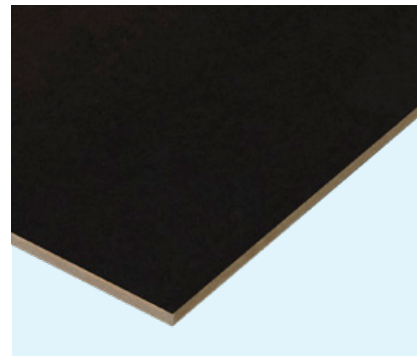


FULLY-ADHERED SYSTEM

- ▶ Gravel in 60 lb/sq asphalt flood coat
- ▶ 5 plies of organic perforated felt with 20 lb/sq asphalt between each layer
- ▶ ESGARD Roofboard (BRC0544H1B) with 20 lb/sq asphalt
- ▶ 2 layers of 1½" polyiso with 20 lb/sq asphalt between each layer
- ▶ Vapor barrier composed of 2 plies organic perforated felt with 20 lb/sq asphalt
- ▶ Wood deck

The fully-adhered system reached CSA A123.21-14 level E and was assessed a Dynamic Uplift Resistance (DUR) of -4.8 kPa (-100 psf). This corresponds to the highest possible pressure within that level, computed with an experimental factor of 1.5 as required by the Standard.

EXP lab report for system test conducted ▶ according to CAN/CSA-A123.21 test method



9510 Saint-Patrick Street, LaSalle (Québec) H8R 1R9 Canada
3703 – 101 Avenue N.W., Edmonton (Alberta) T5J 2K8 Canada

bpcan.com