



COMMERCIAL/INDUSTRIAL INFORMATION BULLETIN

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APPLICATION RECOMMENDATIONS FOR METRIC PLY SHEETS

Many manufacturer's have started producing metric-sized ply sheets for use in built-up roofing systems. Metric-sized ply sheets are 1 metre (39.37 inches) wide versus 0.91 metre (36 inches) for standard roofing felts. Application of metric roofing felts for preparing a 4 ply built-up roof still begins by cutting 1/4, 1/2 and 3/4 width rolls. The ply lines on a metric-sized ply sheet are at wider intervals than a conventional #15 roofing felt.

In conventional built-up roofing applications, the **50 mm** (2") lap line is in place from each side of the metric felt for single ply applications, the same as a standard roofing felt.

For **two-ply** applications, the intended exposure is **475 mm** (18 –11/16"), compared to 17 inches (432 mm) for standard roofing felts.

For **three-ply** applications, the intended exposure is **317 mm** (12-7/16"), compared to 11-1/4inches (288 mm) for standard roofing felts.

For **four-ply** applications, the intended exposure is **237 mm** (9-5/16") compared to 8-1/2 inches (216 mm) for standard roofing felts.

The roll dimensions of IKO's #15 Asphalt Felt –Perforated will be approximately 1 x 50 metres (3.28 x 164 feet) compared with 3 x 144 feet (0.91 x 33.9 metres) for standard roofing felts. Effective roof coverage will be increased to 500 square feet for metric felts compared to 400 square feet for standard #15 roofing felts.

IKO's Type IV and Type 6 metric glass ply sheets are produced to nominal 1 x 50 metre size (3.28 x 164 feet), resulting in approximately 500 sq. ft. of effective roof coverage the same as the standard glass-fibre felts.

For additional information on any of IKO's products or application requirements, visit us on the web at www.iko.com (North America), or contact us in Canada/United States at 1-800-361-5836 (press "1" for English and then "2" for our Technical Support Department).

