



## RESIDENTIAL INFORMATION BULLETIN

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# MINIMUM OFFSETS FOR SHINGLE APPLICATION

The shingle offset is the lateral distance between shingle end joints measured in consecutive shingle courses up the roof. Typically for 3-tab shingles, this distance is a minimum of 4" and ideally varies as per the "random application" method detailed in our shingle application instructions found on the shingle wrapper. It is also acceptable that it is one half the width of a shingle tab, or a sixth of the overall shingle length. For laminated shingles, since their application is somewhat different in comparison to traditional three tab shingles, care should be taken to ensure that the areas where shingle joints line up in successive courses is minimized. To reduce this occurrence, IKO recommends an offset pattern for our Cambridge laminated shingles of 10" since (for most roofs), it will provide an aesthetically pleasing application while still providing a functional, water-shedding roof system. Other offset patterns (i.e. multiples at 9", 18", 27"; 8", 16", 24"; 7", 14", 21"; etc.) are acceptable although it would be wise for the applicator to lay out some shingles in successive courses to determine if the desired aesthetics have been achieved. Regardless of the shingle type, it is always best to follow all application instructions printed on the shingle package. Recommendations for shingle offset are included in these application instructions. This will ensure proper roof performance and finished roof aesthetics, particularly in the cases of laminated and specialty architectural products.

IKO appreciates that in specific circumstances or when the building owner/roofer may want a special design and appearance on a finished roof, there may be a need to alter the shingle offset dimension from that recommended in the IKO application instructions. The question arises as to what is the minimum functional or allowable offset which will ensure shingle performance and the roof's watershedding function. Four inches has historically been recognized as the minimum offset dimension for pitched roofs (4:12 and steeper) which will provide roof performance. IKO agrees with this minimum and will warrant shingle applications on which the shingle offset is at least four inches. It should be noted however that IKO will not be responsible for any aesthetic concerns of the finished roof in cases where our printed application instructions have not been followed.

Please note that all aspects of our printed application instructions, including those for hip and ridge shingle application, must be followed to ensure full limited material warranty coverage.

For additional information on any of IKO's products or application requirements, visit us on the web at [www.iko.com](http://www.iko.com), or contact us in Canada at 1-888-766-2468, or the United States at 1-888-456-7663.