

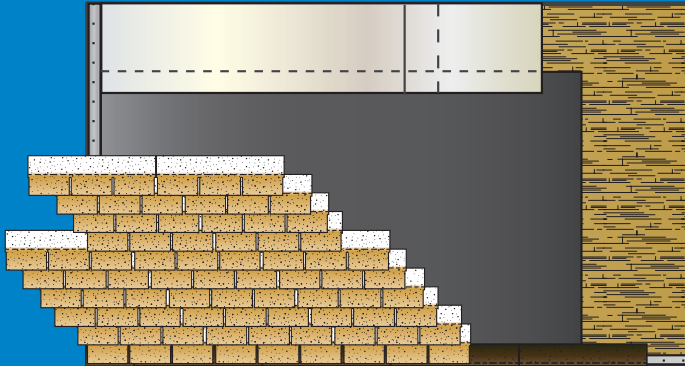


SETTING THE STANDARD

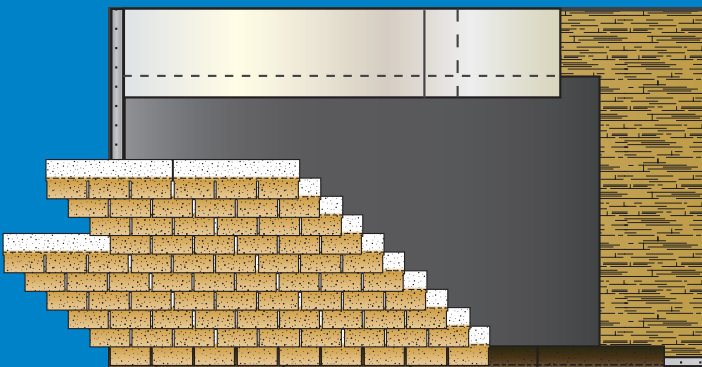
WHAT IS RACKING SHINGLES:

An installation method that sees shingles installed essentially straight up the roof instead of using the stepped or random method.

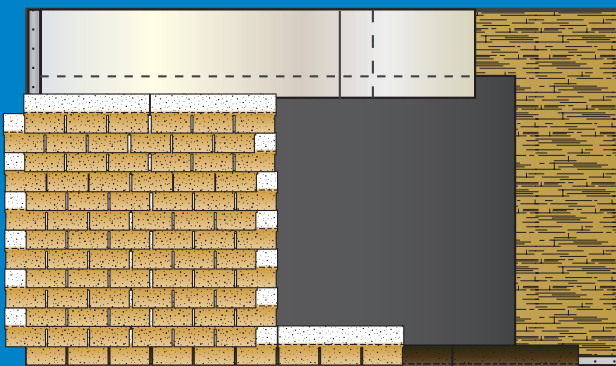
Random Installation (Recommended)



Stepped Installation



Racking Installation



Why is racking used?

Roofers may find it to be a faster way to install the shingles. Shingles are installed in vertical columns from the roof's edge to the peak allowing the roofer to move up the roof instead of back and forth across the roof as other common install methods require. After completing each column the roofer returns to the eave edge to start laying the next "column". This also means that the shingles can be accessed easily just to the side of the column being laid saving a lot of time required to move shingle bundles back and forth across the roof.

What are the benefits?

The only benefit of this method over other common install methods is possibly a time saving element and a labour saving element. There are no functional or aesthetic benefits to having a roof installed using this method. As a general rule, all shingles must be applied according to the manufacturer's application instructions usually found on the bundle wrapper. Any leaks or defects resulting from poor application will not be honoured in a warranty claim.

What can go wrong?

With the racking method the last nail of every other course of shingles is left out to allow the insertion of the adjacent shingle. These shingles sometimes can mistakenly be left un-nailed when the next shingle is installed. Missing fasteners will result in reduced roof system wind resistance.

Stress cracks can occur when the shingles are bent to install the last nail on every other course. Because the bending can stress and deform shingles (especially in cold weather), the ends of those shingles may deform over time. During installation this may not be visible but can lead to premature failure of the shingle.

IKO's shingle application instructions take the shingle's geometry and colour blend into consideration to yield the optimum aesthetic roof. Installation using other patterns, such as racking, may result in an unpleasing roof appearance.

Will it affect my limited warranty?

IKO's limited warranty covers manufacturing defects which result in leaks and remains in effect regardless of how the shingles are installed. The limited warranty will not cover shingles that fail to perform properly due to an installation method not in accordance with our application instructions.

Want more information regarding proper shingle installation? Talk to an IKO sales representative or call us at: Canada **1-855-IKO-Roof (1-855-456-7663)**, United States **1-888-IKO-Roof (1-888-456-7663)** or visit our web site at: **www.iko.com**

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