



# RESIDENTIAL INFORMATION BULLETIN

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## RENAISSANCE GXL 30 SHINGLES

IKO's patented Renaissance GXL 30 asphalt roofing shingles are an architectural, overlay roofing alternative. This quality product achieves optical dimensional thickness through the use of an intermittent second layer of asphalt coating and mineral granules. Renaissance GXL 30 offers the aesthetic advantages of a tile/slate roof appearance and yet applies like a normal 3-tab asphalt shingle. Although the basic construction of this architectural product is similar to that of a standard shingle, the unique design may require special care during installation, particularly in cold weather.

1. Valleys - Woven, closed cut or open valleys are all acceptable. Under most circumstances, the shingle can be easily manipulated into a woven valley. However, in extreme cold weather, the extra handling during weaving may result in some shingle fissures. Under these conditions, closed cut valleys or open metal valleys may be a reasonable option. (See IKO's Residential Information Bulletin No. R-49 for more information on valleys.)
2. Hip and Ridges - Again, under most circumstances, the Renaissance GXL 30 product applies like a regular shingle and can be easily formed for ridge cap coverage. However, similar to standard 3-tab shingles, in extremely cold weather the product may require special care and handling. The Renaissance GXL 30 patented patch design affords two tabs out of every 3-tab shingle where the patch is offset from the centre line of the tab. Therefore, two-thirds of the product can be used for ridge capping with no more extra care than would be required for standard 3-tab shingles. Do not use the tabs where the patch area overlays the centre of the tab. In cold weather, it is always a good idea to leave the one or two bundles needed for ridge capping in a warm area prior to application to allow for easier product bending.
3. During shingle storage and warehousing, it is possible for the thick Renaissance GXL 30 shingles to take on a slightly irregular shape, due to the alignment of all the shingle patches in the bundle. Although the newly installed roof may look a little wavy, typically within one or two weeks the shingles will flatten completely. This time period may be longer or shorter, depending on ambient temperature, amount of direct sunlight, and roof pitch.

For other application concerns during cold weather with Renaissance GXL 30 shingles or with any asphalt roofing product, please also see the recommendations found in the Canadian Asphalt Shingle Manufacturers Association Technical Bulletin #8, "Cold Weather Recommendations For Application of Asphalt Roofing Shingles", and IKO's Residential Information Bulletin No. R-52.

With Renaissance GXL 30 shingles, the base shingle has "patches" of asphalt coating and granules which help give the shingle its unique appearance. During exposure on the roof it is possible for these patches to show small fissures. The fissures, although visible on close inspection, are rarely visible when viewing the roof from the ground.

These fissures can develop within the first few years depending on roof exposure, climate, roof pitch, and attic ventilation efficiency and are not the result of a manufacturing defect. They do not significantly affect the shingle aesthetics, and they do not detract from the long term watershedding performance of the asphalt shingle roof system. Beneath the patches, there is the shingle's base layer of asphalt and granules, and the fiberglass reinforcement. Below this is the overlapped unexposed portion of the underlying shingle.

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.

