

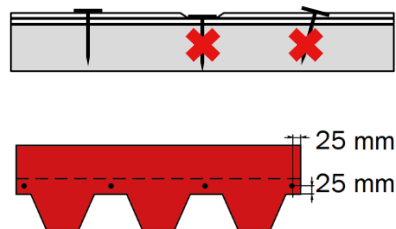
## Bitumen Roofing Tiles & Ridge Shingle Installation Instruction

- Follow directions provided by these instructions

### 1 FASTENING OF SHINGLES

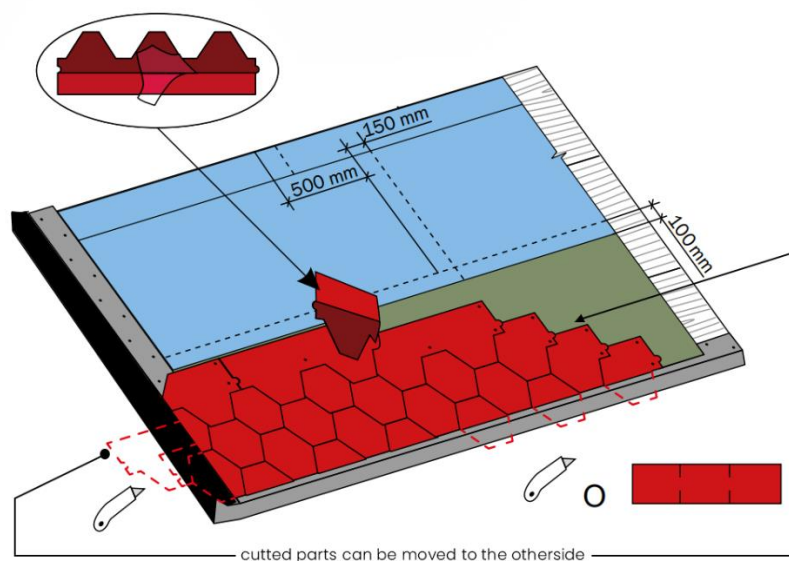
Each course shingle is fixed to the roof base using special galvanized nails with wide heads in the amount depending on the slope angle. Correct nailing is critical. Nails must be driven to make sure that the head is in the same plane with the roofing shingles surface and does not cut through it.

#### Correct Nailing



### 2 FIRST ROW OF SHINGLES AND FURTHER LAYING

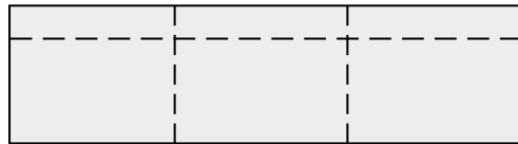
1. The first row is laid using regular shingles, having cut off their tabs. Use (4) nails per shingle. Starter row must be straight and level all the way across with lower edge of roof deck.
2. The second row is laid above the first one, shifting a shingle by a half of shingle sheet to the left or to the right, aligning the shingles according to upper part of the cut outs of the first-row shingles.
3. The third and the next rows are laid over the second one shifting shingles by a half of shingle sheet to the left or to the right.



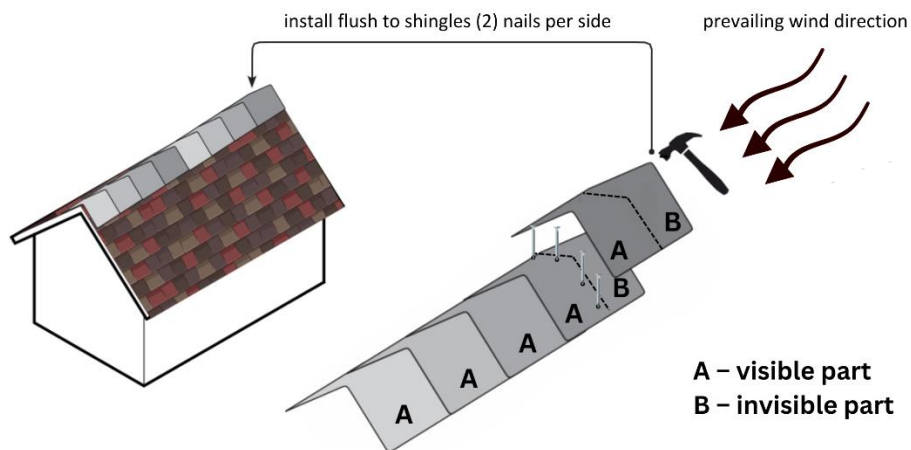
**3**

**INSTALLATION OF RIDGE-HIP SHINGLE**

1. Cut the edges of shingles lengthwise to fit each particular slope edge – leaving a 0.5 cm gap between them. Then fasten a ridge-hip shingle over the gap in a straight line.
2. Ridge-hip tiles should be divided into 3 parts at the perforation points and laid in a straight line with a 3–5 cm overlapping and fastened by two nails on each side of the slope. Shingles should be laid against the prevailing direction of wind (diagram below).



**Ridge-hip shingle**



**YOU HAVE FINISHED**