

## LOG CABIN SHINGLE TILE INSTRUCTION

### ATTENTION:

Company Eurovudas is not responsible for water leakages due to incorrect tile installation or improper preparation of the roof deck. Please therefore read these instructions carefully. If you have any installation questions please ask us before starting.

Sometimes a small deviation in color of the tiles occurs between tiles in the same or different packs. This is not a defect of the material and is actually designed to increase the decorative beauty of the completed roof. In order to reduce colour difference during installation of the tiles, it is recommended to mix tiles from packs at random in order to create a mixed colour effect.

### Storage:

Full pallets of tiles cannot be stored one on top of the other, otherwise this can compress the tiles into sticking to one another before use. In order to avoid shingles sticking to each other in a pack they should be protected from direct sunlight and any direct heat source. Each pack should be bent and shaken before opening, this helps to separate the shingles from each other.

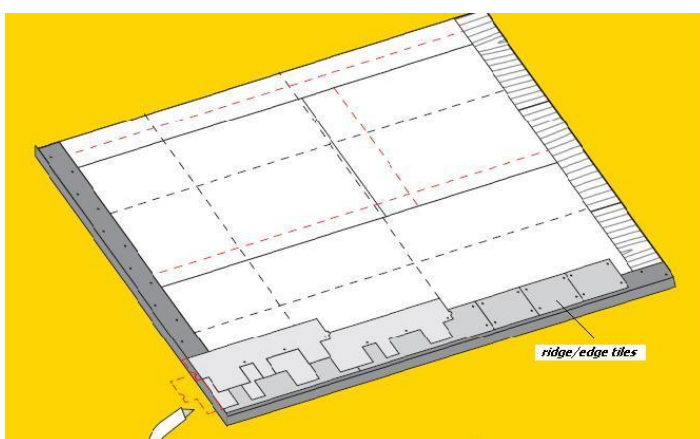
It is not recommended to walk on the roof in hot/sunny weather because the cover might be damaged. Special ladders should be used for this purpose.

### Usage of materials for roofing cover:

Each pack of bourne or hexham tiles contains 3 m<sup>2</sup> of tile coverage (including overlapping). Each pack of ridge tiles contains 5 m<sup>2</sup> of tile coverage (including overlapping).

When calculating the amount of materials needed for roofing cover it is necessary to evaluate the quantity of tiles required depending on the complexity, degree of slope and size of the roof. Please remember to calculate extra tiles required for wastage (between 5 – 15% extra) as it is always better to have too many than too few tiles. Extra spare tiles, if stored correctly, can be used to repair any areas of damage in the future.

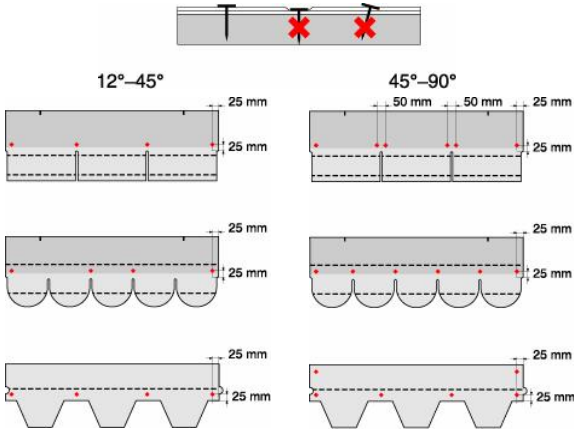
### Installation of bitumen shingles: Initial row (tiles of ridges/cornice):



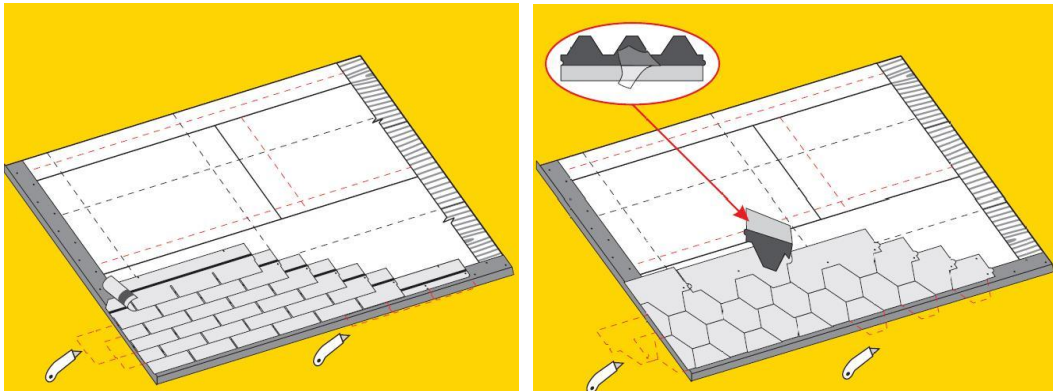
Ridge/cornice tiles or the usual tiles (with the jagged edge cut off) are used for the initial row of tiles along both the eaves of the roof as well as the pitched cornice at the top.

The silicon film should be removed from the under side of the tile prior to installation.

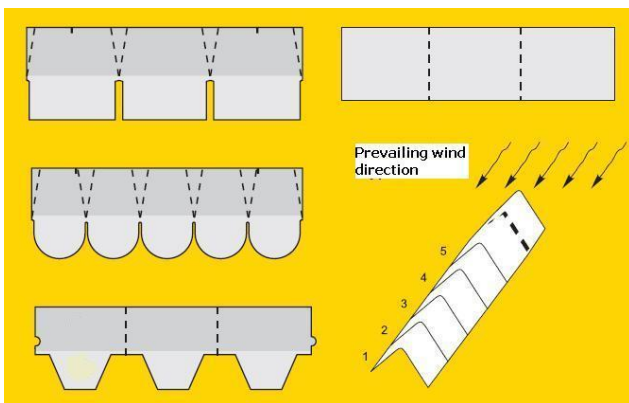
Every tile should be nailed to the roof boards with wide headed galvanized roof tack nails. The number of nails depends on the pitch or slope of your roof. It is very important not to over hit the nails. They should be nailed in such a way that the head of the nail head is flush with the tile and not below the surface. The head of the nail should not puncture the surface of the shingle tile.



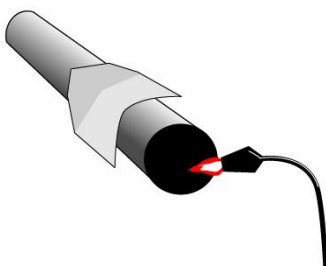
The nails are put 2 – 3 cm from the edge of the tile. Picture on the left indicate the number of nails needed and where they should be applied at certain roof angle. The picture shows the topside of the tile, and the dotted line indicates the place of the adhesive bottom layer.



Ridge/cornice tiles should be cut into three parts at the places of perforation and laid in a straight line with an overlap of 3 – 5 cm. They are fixed with two nails on each side of the slope.



Installation should be performed against the prevailing direction of the wind.



**ATTENTION:** if ridge – cornice tiles are installed at the outside temperature lower than 10°C it is recommended to bend them on a heated 10 cm diameter tube in order to avoid cracks. (See the picture on the left)

## Ventilation:

The durability of the roof construction is longer if the roof has proper ventilation, especially over the usable attic.

## Tile Patterns:

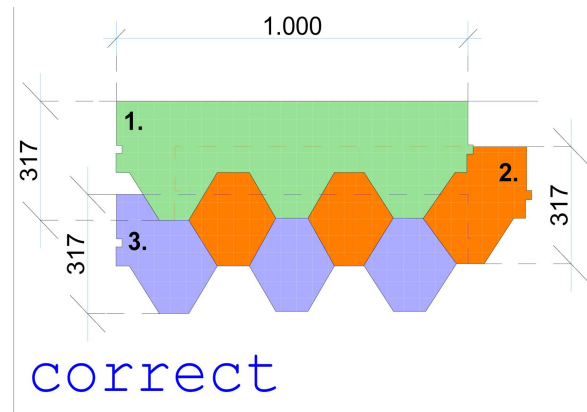
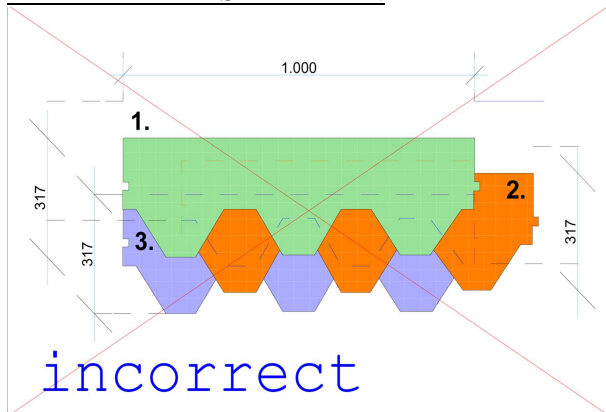
Please make sure that the individual tiles are NOT overlapped to cover the darker colour section. Please refer to the pictures for the correct spacing of tiles. If you assemble the tiles with a larger overlap than recommended you will not have enough tiles to complete your roof. Eurovudas provide the correct quantity of tiles in order to cover your roof according to correct assembly.

We strongly recommend to use wide headed (up with 15-19 mm long) nails to fix the bitumen tiles.

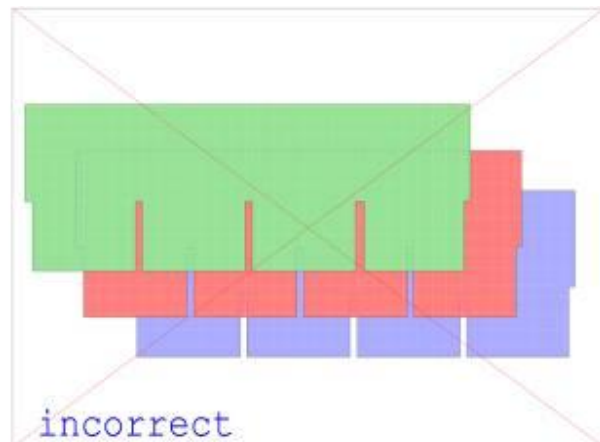
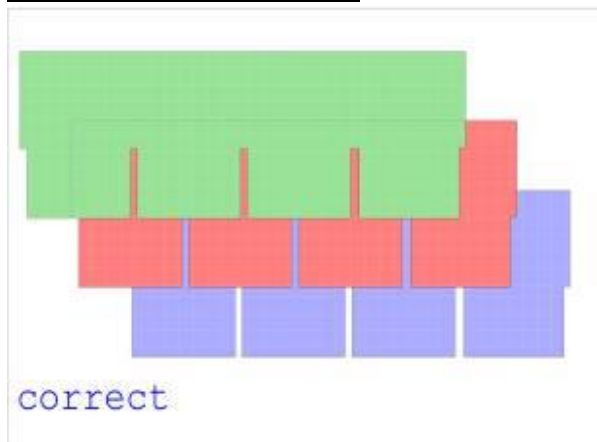
If you are going to put the tiles at lower than +15 degrees outside temperature, please preheat black sealing belt zones or use extra mastics to ensure waterproofing. In this case also recommend to keep tiles in warm temperature (inside) for 24 hours before installation.

The cost of extra tiles and delivery will be paid for by the customer and not Eurovudas ltd.

## HEXHAM TILES PATTERN



## BOURNE TILE PATTERN



If you have any questions about the installation process of your tiles please call to ask before starting.

## **ATTENTION:**

**Company Eurovudas is not responsible for water leakages due to incorrect tile installation or improper preparation of the roof deck. Please therefore read these instructions carefully. If you have any installation questions please ask us before starting.**