

1. Purpose

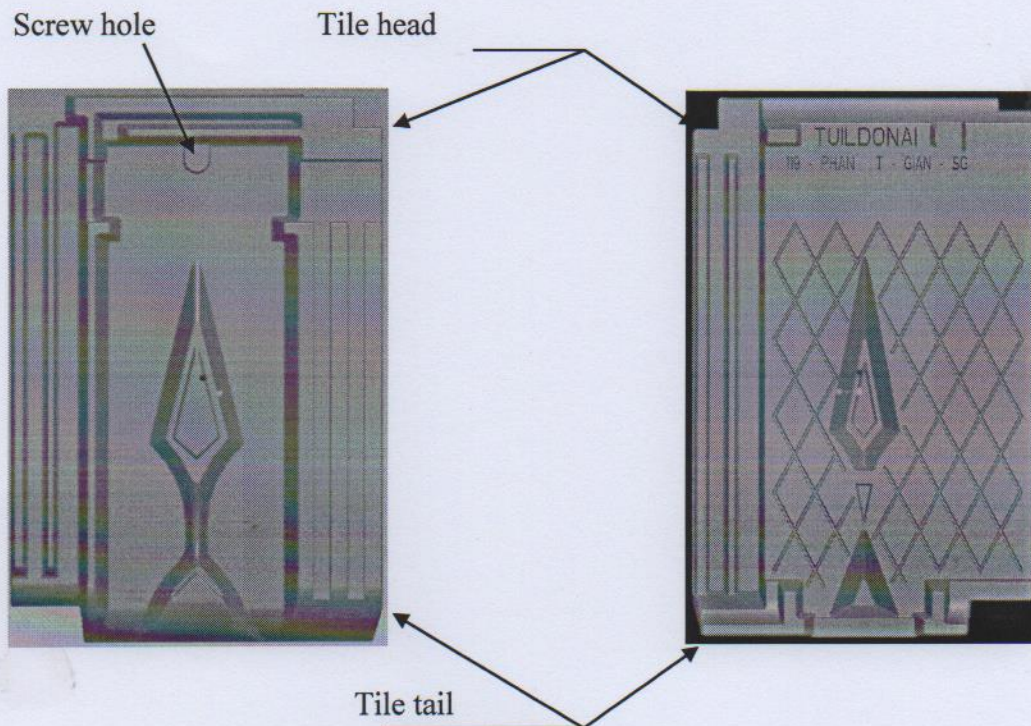
This guideline specifies how to roof tiles with 22 bricks in order to ensure that the roof tiles comply with the design requirements such as rain, sun, wind, aesthetics and save time in the working process

2. Scope of application:

This guide applies to all types of roofs.

3. Product specifications of tile 22.

3.1 Image of tile

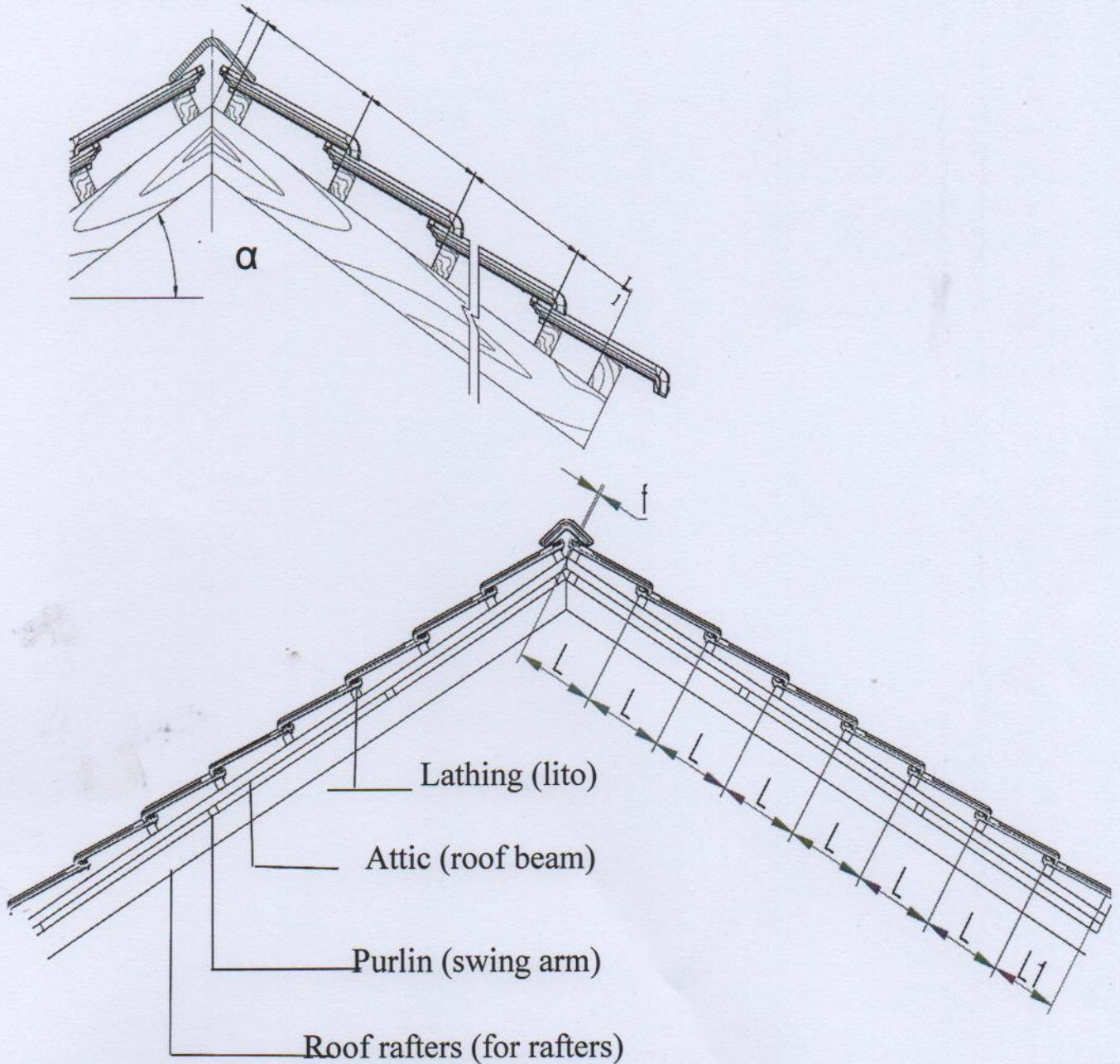


3.2 / Parameter of tile 22:

Product code	N01
Size (mm)	335 x 214 x 11
Number of tiles for 1m ²	22 tile / m ²
Weight of tile	~ 1.9 kg / tile
Lath space (mm)	(267) 1
Weights for 1m ²	~ 41.8 kg / m ²

4/ Roofing specification:

4.1 / Photos of roofing illustrate



4.2/ Roofing specification:

Roof inclination angle: $\alpha = 30^\circ \div 70^\circ$
Lathing distance on top of roof: $f = 1050 \text{ mm}$;
Roofing step: $L = 267 \pm 1 \text{ mm}$;
The final roofing step fluctuates: $L1 = 200 - 215 \text{ mm}$.

5/ Tile roofing:

1. Tile from the bottom up, from the start to end, from the left to the right, the tiles fit together. Tile roofs are aligned, flat according to the slope, the tip of the tile is in a straight line. The start position on each row of demi tiles is cut from the whole tile
2. For every 10 tiles in width, check that the horizontal (top) top and bottom end errors do not deviate by more than 2 mm, calibrating the roof tile so that the tile does not deviate from the lathing (not turn decline like fan image). Every 10 rows of tiles check the level of alignment.
3. The screws are screwed in connection with the lathing (lito), the screw has a diameter of 4mm and a length of 40 mm (M4x40), has a rubber gasket sealed at the end of the screw and is suitable for the lathing material. Do not screw too tightly, to avoid breaking the tile or the tails warping up to create a gap when roofing, rain and wind will be splashed with water. Screw enough force so that when parallel tiles are installed close together. Horizontal line 03 - 05 tiles should screw 1 tile, vertical line every 02 - 03 tiles catch 1 tile. The number of screw tile is more or less dependent on the weather of the area and the slope of the roof. In areas with stormy winds or with steep roofs ≥ 45 the number of screws is larger. Should screw alternating rows of foot tiles, tile edge position, slot position so that the wind does not blow the tile.



Screw image for steel lathing



Screw image for wood lathing

4. In the case of not using the above two types of screws can be replaced with the type of screw head, when screwing with silicone glue, fasten to the screw body before linking the tile to the lathing (lito):

**DONG NAI BRICK
AND TILE
CORPORATION**

**USING MANUAL FOR
TILE 22**

Signed No. HDSD - 02 - 2019
Second issuance, January 30th, 2019

T KEEPER LIST





NOTARY TESTIMONY

Today, Date: October 11th, 2019

At: Doan Nga Notary Office, Hanoi City.

I, Notary of Doan Nga Notary Office, Hanoi City

CERTIFY THAT

- This translation is made from Vietnamese to English by Ms. **Nguyen Thi Nga** with ID Card No: 001181007404, issued on June 27th, 2015 by Police Bureau management registration of residence and national data on population levels, who is translation collaborator of Doan Nga Notary Office, Hanoi City
- Signature in the translation is the true signature of Ms. **Nguyen Thi Nga**
- The contents of the translation are correct, compliant with the law and not against social morality.

- Notarization No:.....

- Book No: 01TP/CC-SCC/BD

TRANSLATOR

(Signed)

Nguyen Thi Nga

NOTARY

(Signed and Sealed)

LỜI CHỨNG CỦA CÔNG CHỨNG VIÊN

Hôm Nay, ngày/date: 11 / 10 / 2019

Tại : Văn phòng Công chứng Đoàn Nga, Thành phố Hà Nội.

Tôi, công chứng viên Văn phòng Công chứng Đoàn Nga , Thành phố Hà Nội.

CHỨNG NHẬN

- Bản dịch này do bà **Nguyễn Thị Nga**. CMND/HC số:001181007404 cấp ngày 27/06/2015 do Cục cảnh sát ĐKQL cư trú và DLQG về dân cư cấp, là cộng tác viên Biên dịch tiếng Anh của Văn phòng Công chứng Đoàn Nga, thành phố Hà Nội, đã dịch từ tiếng Việt sang tiếng Anh.
- Chữ ký trong bản dịch đúng là chữ ký của bà **Nguyễn Thị Nga**
- Nội dung của bản dịch chính xác, không vi phạm pháp luật, không trái với đạo đức xã hội;
- Số công chứng **05.5.0.1.3**.....
- Quyền số: 01 TP/CC-SCC/BD

BIÊN DỊCH

Nguyễn Thị Nga

CÔNG CHỨNG VIÊN



CÔNG CHỨNG VIÊN

Đoàn Nga