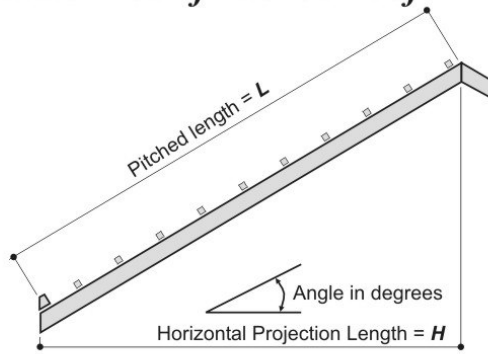


## Table to calculate Area of Pitched Roof

If **L** is not specified on the plans, it can be calculated, starting from the Horizontal Projection Length **H**



$$L = H \times A$$

Pitch	A	Pitch	A
10° 45'	1.0179	24° 42'	1.1007
11° 18'	1.0198	25° 10'	1.1049
11° 51'	1.0218	25° 38'	1.1092
12° 24'	1.0239	26° 06'	1.1135
12° 57'	1.0261	26° 33'	1.1180
13° 29'	1.0284	27° 01'	1.1225
14° 02'	1.0308	27° 28'	1.1271
14° 34'	1.0332	27° 55'	1.1317
15° 06'	1.0358	28° 22'	1.1365
15° 38'	1.0384	28° 48'	1.1413
16° 10'	1.0412	29° 14'	1.1461
16° 41'	1.0440	29° 40'	1.1510
17° 13'	1.0469	30° 06'	1.1560
17° 44'	1.0499	30° 32'	1.1610
18° 15'	1.0530	30° 57'	1.1661
18° 46'	1.0562	31° 22'	1.1713
19° 17'	1.0595	31° 47'	1.1766
19° 47'	1.0628	32° 12'	1.1819
20° 18'	1.0662	32° 37'	1.1872
20° 48'	1.0697	33° 01'	1.1927
21° 18'	1.0733	34° 59'	1.2206
21° 48'	1.0770	36° 52'	1.2500
22° 17'	1.0808	38° 39'	1.2806
22° 46'	1.0846	40° 21'	1.3124
23° 16'	1.0885	41° 59'	1.3453
23° 44'	1.0925	43° 31'	1.3793
24° 13'	1.0965	45° 00'	1.4142

**How to determine the actual gauge and the average recovering for interlocking tiles:**

It is essential to complete the manufacturers indications with an on-site calculation of the actual installation gauge. This is determined using tiles to be installed:

1. Take 12 randomly selected tiles, place them upside down on a level surface; interlock them together and stretch them; measure the length **L** (in cm) comprised between the 1st and the 11th tile (stretched installation)
2. Squeeze the tiles together as much as possible and measure the length **I** (in cm) (squeezed installation)

The actual installation gauge equals =  $\frac{L + I}{20}$

