

**BUILD WITH THE BEST**

# NABAKI AFRIKA

Professional Building Solutions

## ROOFING

ROOF TILES p1

ROOF TILES p2

ROOF TILES p3

INSULATION p4

GUTTERS & SHADE p5

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## ROOF TILES

p1



### Why Decra® Roofing Tiles?

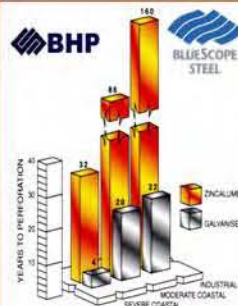
There are many Roof Tiles available in Tanzania. But due to their lightweight nature, Steel roofing tiles are the most popular. The MOST important factor when considering Steel Roofing tiles is ...

### HOW LONG WILL THEY LAST?



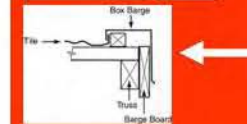
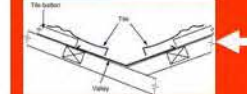
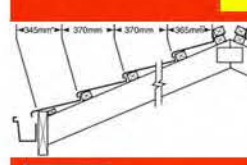
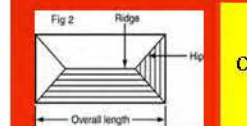
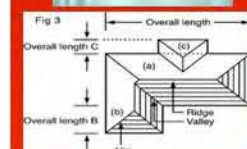
### [1] BASE METAL

The single MOST DETERIORATING element of a steel roofing tile is the ENVIRONMENT. This applies especially to COASTAL REGIONS. An Australian company called BHP researched and developed a NEW GENERATION of steel coating called Zincalume®. It was found that this material FAR out-performed Galvanised Steel, and even in regions of SEVERE COASTAL, it was found that Zincalume® outlasted Galvanised Steel by 5-6 times. BHP's and AHJ's on going research in this environment, where TIME is the only test, has allowed AHJ to INCREASE its original warranty of 30yrs, - to an incredible 50yrs. (tests are ongoing). It was also found, that unlike galvanized Steel, where the Galvanic Coating was damaged (scratched), and oxidation corrosion would be accelerated, with Zincalume®, the Aluminum content would actually oxidize and form a natural protective layer. For this reason, any cross cuts made to the substrate, are NOT required to be sealed (a requirement in Galv Steel), as the natural oxidation process SEALS ITSELF! Initial tests astounded the Steel Industry, as for the first time a steel could be produced, which did not require any coating, and could be bent without any adverse effect to the steel. AHJ adopted Zincalume® as its standard base.



## ROOF TILES

p2



**[2] COATING** After a lot of research in different coatings, AHJ found that the ONLY product which was not adversely affected by weather and UV, was NATURAL ROCK. Therefore in 1985 they decided to make a major shift in coatings, and changed the coating on their tiles from acrylic paint to a crushed granule, made from Natural Rock. New Zealand being home to numerous volcanoes was the perfect place—as time went on, a permanent dye was developed by 3M (USA) which would allow natural rock to be dyed, which is how the Blue and Green tile came about, and increasing their colour range to offer 11 different colours.

**LOCALISED CRACKING** However they still found that even the new rock coatings were still susceptible to cracking when bent, so an ADDITIONAL coating was developed, in the form of a flexible (when dry) acrylic resin coating. Once this was applied, it was found the tile could be bent 180° without the surface cracking.

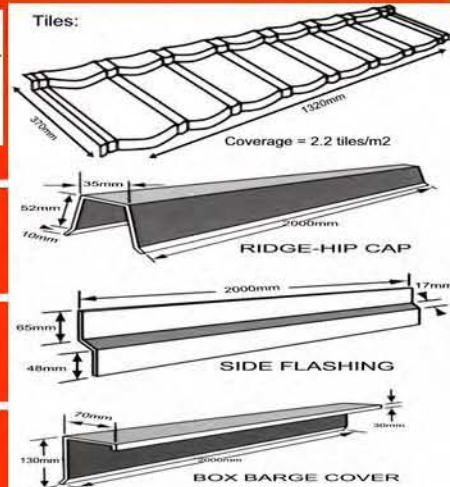
For the first time, a Steel tile could be offered which was guaranteed against Fading and Corrosion, even in Coastal Areas (within 10km) of the coast. Initially the guarantee offered was for 30years, however owing to positive test results from an accelerated testing laboratory in the US, this guarantee has now been increased to 50years!

Consequently EVERY Decra tile is marked on the back MADE BY AHJ ROOFING - ...and ZINCALUME STEEL

### ESTIMATING YOUR ROOF

We are quite happy to estimate this for you (site unseen) from working plans. However, should you wish to do this yourself, - it is actually very simple:

ASA A ROUGH GUIDE : (Site Unseen)  
TILES (1.320x370mm) Cover = .46m<sup>2</sup>  
CALC = Area X (Pitch divided by Cosine Value) x 2.2  
ASA RULE = Sq meters X 2.2 (15') or 2.45(25')  
= Number of tiles Rqd  
Nails = 4per Tile



# ROOF TILES

p3

## CHOOSING A COLOUR

Decra has the widest range of colours in the World! - both Stone Coated and Smooth

**Decra** ROOFING TILES  
ROCK COATED COLOUR CHART - TANZANIA

**SAVANNA** COLORETTILE ROOFING  
50 YEAR WARRANTY

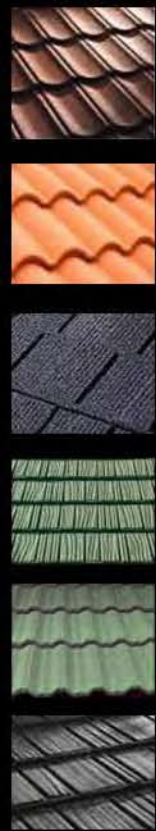
**Nabaki Afrika Ltd**  
PREMIUM HIGH EDGE

**AHI ROOFING**

SMOOTH COLOUR TILE RANGE

## CHOOSING A STYLE

...and the widest range of Styles!



# INSULATION

p4



**DECRAFOIL** : an 8 layer Aluminium Foil-Insulation reinforced with glass fibres; laid under tiles which means your **Roof structure will reflect 95% of surface heat**

**Size : 1250mmx600m (75/m2)**

**Advantages** : The benefits of using thermal insulation and vapour barriers in buildings are of paramount consideration to architects and specifiers, especially in hot climates. In hot dry climates, air conditioning cools the inside air and the outside heat needs to be blocked from entry. In hot humid climates, air conditioning not only cools the inside air but also reduces the internal humidity. In these instances, both the outside heat and humidity need to be clearly separated from the internal cavity.

**ADVANTAGES: Insulates, Waterproofs, reduces dust and is 100% FireProof. Quick and Easy to Install**

## VENTILATION

**NEW!** **DuraVent**

- Lets air in!
- Keeps rats and birds out!
- Fire Proof!
- Easy to install!
- Lasts a lifetime!
- Looks great!

**ASBESTOS-FREE**

**Size:** 1220x610x3.2mm (thick)

**Product composition**  
Portland cement  
Refined Sand  
Specially treated cellulose fibre

**Colour**  
The original colour is light grey but can be coated with any emulsion or acrylic to give the desired finish.

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# GUTTERS & SHADE

p5



## GUTTERS



**MARLEY GUTTERS:** Made from tough uPVC white plastic. Unique SNAP-LOK joining system requires no glue.

**Specifications : 4.5m x 125mm (wide)**

**ADVANTAGES:** Simple, Fast & Easy to install. High-quality UV resistant plastic, DIN EN 607 quality standard. Age-resistant and fade-proof. **10 yr Guarantee**

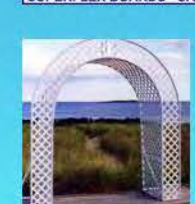


**KNITTEX FABRIC:** Manufactured from High Density Polyethylene, with anti-Ultra Violet additives. Fabric is a special knitted construction, that will not run if torn or damaged.

**Size 50m x 3m - Wide Range of colours**

**and % Shade**

**ADVANTAGES:** wide exterior useage, including CARPORTS, BLINDS, SHADE & WIND BARRIER



## Dura-Lattice :

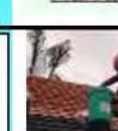
Dura-Lattice is a versatile and innovative fiber cement panel used for decorative and practical applications

*It offers a durable and inexpensive way to enhance the appeal and aesthetics of your home, office or environment, by adding a practical style with character*

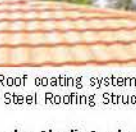
### Areas of Application:

- Gable Ends
- Roof Dividers
- Pergola Roofs / side panels
- Decorative Fencing
- Wind breakers
- Exterior panels
- Screens

**Size:** 2440x1220x0.8mm



**Advantages:**  
Does not warp or split  
Termite-Proof  
Fire Proof  
Easily installed and Painted  
Can be curved  
Weatherproof



**NABAKI AFRIKA**  
Professional Building Solutions



**DECRA GUARD** : a SUPER ACRYLIC Roof coating system. Easy to apply on existing Concrete / Steel Roofing Structures. (20L Pails)

**ADVANTAGES:** Wide Range of colours, -long lasting-a low cost solution to achieve a "new roof".