

HOUSE PLANS DIFFERENT ROOF STYLES



Roof styles has various effects on the esthetics/ look of an house, there-for when designing a house and draw-up house plans it is one of the most important elements to have the correct roof style for your dwelling.

Below is but sum of the roof styles and look on the same floor plan design, for you to see the effect it has on the house's esthetics/ look.



Hip Roof Style:

Hip roofs can be described by comparing to a pyramid. Hip roofs have four roof sides, which slopes towards the top end. Typical hip roof will have two triangle roof sections on shorter sides and trapezoid roof sections on longer sides of the roof. A square hip roof will have 4 trangled sides, and will represent a perfect pyramid.



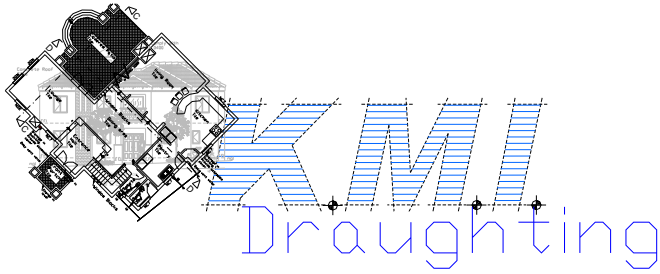
Gable Roof Style:

Gable roof type is one of South Africa's oldest and most common, simplest type of roof – basically it is a two sloped roof, like an open book, turned up-side down. The name "gable" comes from a roof detail, the sloped edge of the roof, which you see when standing on the side of a house and at the end the "parapit" up to the roof edge, but not passing the roof edge.



Flat/ Shed roof Style:

Flat roof is a popular roof type which is essentially half the gable roof, and has only one roof section or plane, and no real "ridge". Flat roofs are common on small structures such as storage sheds, and house additions attached to an existing wall of a house. Corrugated iron, is normally used with these type roofs as approval from LA's will be provided for anles/ slopes as low as 3deg.



Article by: K. Burger
SACAP: PrArchDraught



Flat/ concrete roof Style:

As the name indicates a near 100% flat roof made of concrete slabs. This being 170mm thick reinforced concrete slab to an engineer's design with mostly torched-on waterproofing applied strictly according to a manufacturers specifications on min. 30mm screed with 1:200 fall to rainwater outlets.



Bali roof Style:

Bali style is also in short the same as a Hip roof, with the exemption that the roof will have two triangle roof sections on shorter sides and trapezoid roof sections on longer sides of the roof, where the nok will extend a bit further, causing a small vertical triangle where 3 slopes come together.



Tucan roof Style:

Tuscan style is in short the same as a Hip roof, with the exemption that the roof edge/ overhang distance, is non-existing. The roof edge ends off on layer of bricks stepped with 2-3 layers back to the main dwelling outer walls. With this style high elaborate columns can also be found.