



Concrete Roof Tiles Advantages:

Successful Project deliverance is a concern which will always be on the mind of Architect, Engineer, Specifier and Contractor alike. Precast Concrete as preferred building material has stood its reputation proud for many years. The International Building Industry shows remarkable preference toward this method of concrete unit delivery to site for various reason, but consistency in quality can be single out as a primary reason.

Limit your concerns and liability by keeping the following in mind when deciding on roof design and roof covering. Concrete Roof Tiles features the following advantages:

Innovation:

- Innovative, fast and easy to install “dry-ridging” system.
- susceptible to various methods of thermal insulation solutions.
- Ideal solution with regards to energy efficient roof design.
- Advance efforts in achieving required “R”-values.
- Various design formats contribute to intrinsic quality and durability.

Long-term performance:

- Long-lasting covering that will persist in structural integrity.
- Exceptional durability.
- Provide the best long-term performance compared to most other roofing materials.
- Provide natural ventilation and water-shedding.
- The chemical reaction between cement, water and aggregates (the tile) continues over a very long time span – One could state that durability and strength in concrete roof tiles are regenerative.
- Concrete roof tiles do not lose their key properties over time.

Aesthetically diverse:

- Suited to any and specific architectural styles.
- Can be manufactured to be flat, rounded or to mimic other types of roofing materials.
- Concrete roof tiles enable architects and developers to add value to the project through unique designs and patterns.
- Concrete roof tiles are available in various colors which adds to the versatility of this precast concrete product.

Colour retention:

- Colour retention is exceptional because pigment is part of the mixture which sets the color in the roof tile.

- Retention and longevity of the colour means that the need for re-painting of a concrete roof is less necessary compared to other roofing materials.

Can endure adverse weather conditions and fire:

- Concrete roof tiles are robust.
- Concrete roof tiles withstand fire and hail.
- Fire damage is mitigated by the thermal efficiency and natural heat resistance of concrete tiles.
- Interlocking edges creates a secure lock between tiles which aids in withstanding high wind forces and heavy wind driven precipitation.

Economical:

- The longevity of concrete roof tiles and the low amount of maintenance needed makes concrete roof tile roofs economical and financially viable in the long-term.
- Concrete roof tiles are less prone to theft compared to metal.

Limited maintenance required:

- Concrete roof tiles require minimal maintenance.
- Concrete tiled roofs can be repaired in sections and/or the individual damaged tile can be replaced.
- There is less need for cleaning of concrete roof tile roofs compared to other roofing materials.
- Concrete roof tiles can be treated so they are mold resistant in climates conducive to the fact.

Your contact, consultation and resource porthole:

The Concrete Manufacturers Association (CMA) is your resource to:

- Suppliers, supplying precast concrete units consistent in high standards and quality.
 - Advice on design aspects and parameters.
 - Advice on installation methodology.
- Access to various brochures and books applicable to the subject matter.



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