

Architectural Short Form Specification For Future Mediterranean & Omega Tile™

* Future Roof recommends that specification writers contact our customer service department at 800-959-8089 and request an Architectural Package including a Cad Cam CD and Installation Manual prior to writing the specification.

A) **Dimensions:**

Future Roof tiles come in two and five step panels. The exposed two-step panel dimensions is 30" (762 mm) high by 18" (457.2 mm) wide. The exposed five step panel dimensions are 75" (1905 mm) high by 18" (457.2 mm) wide. The panels consist of two modules, each 9 inches (229 mm) horizontally and 15 inches (381mm) per step vertically, with overall two step panel lengths of 32.75 inches (832mm) or five step over-all panel length 77.75 inches (1975mm).

B) **Color/ Finish:**

As selected by Architect/ Specifier: Copper-Plated Stainless Steel or Kynar 500 coated Steel and Aluminum tile panels and accessories.

C) **Manufacturer:**

Future Roof tiles are manufactured by Delta Building Products Ltd., 9969 River Way Delta, B.C. Canada V4G1M8 office toll free 1-800-959-8089

D) **Technical Assistance:**

Customer Service Toll Free 1-800-959-8089

E) **Future Roof Tile Roof Panels:**

An interlocking roof system, the Future Roof tiles and accessories shall be:

1) Future Roof Mediterranean Tile- Steel roofing panels are manufactured from steel complying with ASTM A 653, SS, Grade 33 and have a G90 Galvanized coating. The panels have an installed weight of 0.90 psf (4.39 kg/m²). The base metal thickness of the steel is 0.019 in. (0.482mm) the panels are coated with Kynar 500 to a minimum thickness of 1.0 mil (0.0254 mm).

2) Future Roof Mediterranean Tile- Aluminum roofing panels are manufactured from 3003 Aluminum alloy complying with ASTM B 209, and has a minimum uncoated thickness of 0.0276 inch (0.701mm). The panels have an installed weight of 0.45 psf (2.20 kg/m²). The panels are coated with Kynar 500 paint to a minimum thickness of 1.0 mil (0.0254 mm)

3) Future Roof Omega Tile- Copper-Plated Stainless Steel panels are manufactured from stainless steel complying with ASTM B209 and have a minimum thickness of 0.018 inch (0.45mm). The panels have an installed weight of 1.06psf.

F) Framing: Lumber and Steel

Future Roof tiles are a direct-to-deck installation over solid sheathing or solidly filled horizontal spaced sheathing 1 inch (25.4mm)X 4 inch (101.6mm) minimum thickness of 0.75 inch (19.05 mm). Wood framing members spaced 24inches (610mm) O/C maximum or steel of a thickness calculated to support spans.

G) Flashings:

All flashings manufactured by Future Roof shall be used in the installation of the product, to be as specified by the Architect.

H) Fastening: Lumber/ Steel

7/16 inch (12.7mm) min. plywood deck, or solid sheathing shall be fastened by 8-D corrosive resistant galvanized flat head power driven nails. Steel decking shall be fastened by 3/4 inch (19.05mm) TEK or equivalent screws to the steel rafter or truss member. The tile panels are manufactured in three different substrates, and thus the fasteners for each will be supplied by Future Roof.

I) Sealant:

Any type sealant may be used, generic brands as recommended by the Architect.

Execution:

A) Inspectors/Supervisors:

The roof structure is to be inspected for correct framing prior to the installation of the Future Roof tile panels.

B) Installation:

Install felts and cant strips as required for sky lighted/roof hatches etc. must be temporarily secured to allow final flashing during tile panel installation. Chimney saddles/crickets to be installed, if chimney width is over 36 inches (914mm).

C) Application:

Future Roof tile panels should be applied by contractors familiar with these types of products.

D) Warranty:

Future Roof tile panels carry a limited warranty provided by the manufacturer which covers manufacturing defects, but does not cover the installation of their product. A separate installation warranty is furnished by the installing contractor. Future Roof tile panels are designed to be installed on roof pitches of 2 1/2 :12 minimum slope up to a vertical face.

Certification:

Future Roofing products have been appraised and have received appraisal certificates. The approvals are as follows and test report copies are available upon receiving a written request.

Appraisals:

Intertek Testing Services

Acceptance:

International Conference of Building Officials Report - ER5447

Non- Combustible- Class “A”

In jurisdictions utilizing the International Building Code (IBC). Future Roof Jynar coated steel and copper plated stainless steel tile panels are considered to be non-combustible roof coverings in accordance with UBC Section 1504.2. When applied over new construction or with the old roofing removed. For other jurisdiction special underlayments are required.

Product Warranty:

Future Roof products carry a Fifty Year, Transferable, Weatherproof Limited Warranty.

Memberships:

NRCA

WSRCA

NAHB

Corporate Headquarters:

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