

ALBERTA ROOFING CONTRACTORS ASSOCIATION TRADE DEFINITIONS FOR ROOFING AND RELATED SHEET METAL

DEFINITIONS

The roof is the weather proof covering on top of a structure that together with the roof deck and the walls forms a separator between the inside and outside environments of a building.

A roofing system is an external assembly of interacting roofing components installed to form the exterior roof cover or skin of the roof assembly above the structurally supported roof deck and inner face and top of adjacent parapet walls.

A roofing assembly generally consists of a membrane or primary roof covering designed to weather proof the structural deck and may incorporate thermal insulation and/or a vapour barrier to improve the building's thermal resistance.

Unless otherwise specifically noted in this scope of work, the contractor shall include or exclude the following work regardless of where they appear in the tender documents.

WORK INCLUDED

- 1) Trade clean-up.
- 2) Shop drawings for sloped insulation systems and roof accessories.
- 3) Protection of other trades work from damage by the roofing contractor.
- 4) Hoisting of roofing materials.
- 5) Demolition of the existing roofing system when it is to be immediately followed with the installation of a new roofing system.
- 6) Control joint covers including roof area dividers and expansion joints.
- 7) All types of membrane flashing when they form part of and are installed in conjunction with the roofing system.
- 8) Acoustical deck insulation when supplied by others in a pre-formed custom fit condition.
- 9) Thermally formed skylights, smoke and access hatches which incorporate a base frame in a single unit.

- 10) Supply and installation of roofing materials including:
- a) Primary roof membrane systems.
 - b) Gypsum board when applied over a roof deck as part of the roofing system.
 - c) Auxiliary leveling surfaces, strapping and Z-bars.
 - d) Roof Air/Vapour barriers.
 - e) Preformed rigid roof insulation.
 - f) Cants manufactured from insulation.
 - g) Bitumens including hot and cold process asphalt, pitch and modified bitumens and roofing adhesives.
 - h) Aggregates for membrane protection and gravel ballast, including concrete pavers not exceeding a unit mass of 45kg (100 lbs).
 - i) Bituminous emulsions.
 - j) Bituminous primers.
 - k) Roof walkways.
 - l) Caulking, sealants, sealing compounds, gaskets, backing rod and packing.
 - m) Coatings.
 - n) Reinforcing fabric and membranes.
 - o) Mechanical roof fasteners.
 - p) Protection mats, filter fabrics and separator sheets.
 - q) Steep-slope roofing materials, underlayments and flashings.
- 11) Flexible sheet membranes which form part of the building's air barrier or vapour retarder which are installed in a location that does not require another trade to construct components over the flexible sheet membrane.
- The roofing contractor will make connection to flexible sheet membranes install by other trades prior to the application of the roofing system, provided that a minimum of 200mm (8") of compatible membrane/material is accessible to complete the tie-in.
- Unless otherwise specified, the roofing contractor will provide a maximum 200mm (8") of overlapping material extending beyond the exterior point of the roofing system for any membrane connections required by any trade after installation of the roofing system.
- 12) Sheet Metal Flashing of all metal types forming part of the roofing system including:
- a) Eaves troughing, downspouts and metal splash pans,
 - b) Gum cups/pots/boxes,
 - c) Parapet, curb and control joint flashing,
 - d) Control joint covers
 - e) Any prefinished metal flashing of the roofing system in stock and chosen from standard 8000 or 10,000 colour series in 22, 24 and 26 gauge metal.
- 13) PC sums and/or contingency funds when a specified dollar amount is listed in the roofing and related sheet metal specifications,

- 14) Supply and/or installation of materials and other work that may be assigned by pretender ruling.
- 15) One-hour fire watch re. hot-work

WORK EXCLUDED

- 1) Supply of roof specialties including mechanical roof drains, vent flashings, fall arrest anchors and roof jacks.
- 2) General and final clean-up.
- 3) Hoarding.
- 4) Metal Roofing described formerly in ACTS TD-76 (see attached).
- 5) Metal sleeves for through deck openings, vents, etc.
- 6) Preformed or field cut reglets.
- 7) Separate curbs for skylights, hatches and roof mounted H.V.A.C. equipment.
- 8) Insulating of roof curbs.
- 9) Structural decking or deck infill, including structural stramit, and any component below the decking.
- 10) Temporary heat, light, power, sanitation and water.
- 11) Through wall flashing.
- 12) Wood or metal roofing system components used to construct parapets, perimeter and curb blocking, curbs, control joints and sleeper supports.
- 13) Any membrane to be covered by material not installed by the roofing contractor, except as noted in Item 11 of "Work Included".
- 14) Poured-in-place, light, medium or heavy concrete fill and paving blocks exceeding 45 kg (100 lbs.) each in mass.
- 15) Inspection and/or testing.
- 16) Metal roofing and related flashings.
- 17) Wood and metal walkways.
- 18) Site security.

METAL ROOFING

DEFINITION

This tender shall be for the supply and installation of metal roofing.

This contractor shall include and exclude the following items regardless of where they may appear in the tender documents unless specifically noted otherwise in this scope.

INCLUDED

- 1) Metal roof cladding, metal tiles, metal shingles formed from sheet steel (Prepainted, galvanized, or galvalume finish), aluminum, stainless steel, copper or other metals;
- 2) Related closures, caulking, flashings and fasteners incorporated into the system;
- 3) Internal sub-girts and clip systems;
- 4) Liner panel of materials listed (item 1 above) forming part of the preformed metal roofing assembly;
- 5) Gypsum board when applied over a roof deck as part of the roofing system;
- 6) Auxiliary boards such as plywood and/or wood strapping when applied over a roof deck as part of the metal roofing system;
- 7) Related insulation, adhesives, vapour barriers and air barriers;
- 8) Flexible sheet membranes which form part of the building air barrier directly behind the metal roofing system including connection to work of preceding trade where required. If connection is required by any trade following the metal roofing installation then the metal roofing contractor provides a maximum 200 mm, unless otherwise specified, of overlap material beyond the exterior point of the metal roofing system;
- 9) Gutter and downspouts that form an integral part of the preformed metal roofing system;
- 10) Installation only of acoustical insulation strips for acoustic steel deck which is supplied by others in a preformed custom fitted condition;
- 11) Metal soffits and/or wall cladding if profile, gauge and colour is to match metal roofing including related insulation, vapour barrier and sub-girts;
- 12) Acrylic or polycarbonate skylights, fibreglass skylights (when same profile as metal roof), smoke or access hatches, all when used within the "Preformed metal roofing" area;
- 13) Manufacturers warranty only beyond the normal one year maintenance warranty;
- 14) Hoisting;
- 15) Cash Allowance and/or contingency funds when a specific dollar amount is listed in the preformed metal roofing specifications;
- 16) Scaffolding;
- 17) Shop drawings;
- 18) When any prefinished metal flashing is required by the other trades that specifically matches in colour and gauge that specified for the metal roofing, then the prefinished flat sheets are to be supplied by this trade F.O.B. the contractors shop. (See 2. of excluded);
- 19) Trade clean-up;
- 20) Protection of other trades' work from damage by this trade;
- 21) Supply and/or installation of materials and other work that may be assigned by pretender ruling.

EXCLUDED

1. Metal deck;
2. Fabrication and/or installation of any flashing material not incorporated into metal roof system (i.e. Flat prepainted material for built up roofing contractor);
3. Wood or metal components of the roofing (unless as incorporated in the preformed metal roofing system) used to construct; parapets, perimeter and curb blocking, curbs, control joints and sleeper supports;
4. Metal soffits and/or wall cladding (see item 11. included);
5. Aluminum / glass or aluminum / fibreglass skylight systems or skylights outside the preformed metal roofing area;
6. Separate curbs for skylights or hatches, etc.,
7. Flashing for mechanical vents, chimneys, etc.;
8. Through wall flashing;
9. Backing and supports for other trades;
10. Purlins or other structural materials;
11. Insulation or vapour barrier behind structure which metal roofing is fastened to;
12. General and final clean-up;
13. Temporary heat, light, power, sanitation and water;
14. Hoarding;
15. Roof drains connected to an internal system.