



- c. The above classifications apply only to coverings composed of certified materials assembled as described in the individual manufacturer certifications; flashings and trimmings being the same as or not less than the equivalent of the roofing systems in each class, or of 16 oz. or heavier copper, No. 26 gauge or heavier galvanized steel, or 0.019 in. thick or heavier aluminum.

6.4.1.5. Roofing shall be designed by a roofing specialist designer and shall specify in accordance with their test certifications, as an assembly as per **Table 1.22.** and manufacturer's recommendations.

6.4.1.6. The system manufacturer shall provide a formal submittal to the Municipality and Civil Defence for product registration, that will consist of the following.

- a. Product Data – Manufacturer's Specifications, Technical Data and Material Safety Data Sheet for each material including the composition and limitations, if any.
- b. Design Listings and certifications – System design listing or test certifications, including illustrations, from an accredited testing laboratory as per referenced standards that is applicable to each system configuration. Test reports without certification from accredited certification bodies is invalid.
- c. Engineering Judgment (EJ) – Where there is deviation from a listed and certified system, on site, for a particular configuration, the manufacturer, specialist designer, roofing contractor and consultant shall jointly provide a site specific EJ.
- d. Method Statement shall clearly define the manufacturer's installation instructions.
- e. Statement of Manufacturer's standard warranty for minimum of 10 years.
- f. An undertaking letter in understanding with Civil Defence, that supplying any material that is non compliant with this code is illegal and punishable.

6.4.2. Installation

6.4.2.1. The installation shall be carried out by Civil Defence and Municipality approved installer as per system manufacturer's installation instructions and shall comply with local regulations and the construction documents.

6.4.3. Installer Qualification

6.4.3.1. Installer specializing in Roofing system installation and certified by the system manufacturer shall be listed with Municipality and Civil Defence Authority.

6.4.3.2. The installer license shall be based on the training and certification by the system manufacturer to install manufacturer's products as per specified listed system requirements.

6.4.4. Inspection

6.4.4.1. The manufacturer's guidelines shall be available to and used by the inspection personnel.

6.4.4.2. The consultant shall be responsible for progressive inspection and shall sign off the inspection report.