



United States

# ENVIRONMENTAL PROTECTION AGENCY

Washington, D.C. 20460

**ENERGY STAR Roof Product Partner  
Unit Shipment Data  
Office of Atmospheric Programs**

NAME OF MANUFACTURER: \_\_\_\_\_

DATE OF SUBMISSION: \_\_\_\_\_

SUBMITTED BY (NAME): \_\_\_\_\_

Reporting Period: CALENDAR YEAR 2007 (JAN. TO DEC.)

Roof Product Type	Square Feet or Gallons (REQUIRED)	Units	Non-ENERGY STAR (REQUESTED)	Units
Built-Up-Roof (BUR) <sup>1</sup>		Square Feet		Square Feet
Coating <sup>2</sup>		Gallons		Gallons
Metal <sup>3</sup>		Square Feet		Square Feet
Modified Bitumen <sup>4</sup>		Square Feet		Square Feet
Single-Ply <sup>5</sup>		Square Feet		Square Feet
Shingles <sup>6</sup>		Square Feet		Square Feet
Spray Polyurethane Foam (SPF) Roof System <sup>7 #</sup>		Gallons		Gallons
Tile <sup>8</sup>		Square Feet		Square Feet
<b>Total Gallons</b>				
<b>Total Square Feet</b>				

<sup>#</sup>For SPF - Data on the coating (i.e., not the foam itself).

\*Unit Shipments in square footage or gallons, depending upon product, for roofing products.

**DEFINITIONS**

<sup>1</sup>Built-Up-Roof (BUR): Traditional hot asphalt or coal tar built-up roofing membrane assembly consists of alternating layers of felts, fabrics, or mats saturated with bitumen during manufacture, assembled in place, and adhered with applied layers of hot bitumen. Surfacing for the hot BUR can be aggregate embedded in hot asphalt; mineral-surface cap sheets; modified bitumen cap sheets; or smooth-surface applications or coatings.

<sup>2</sup>Roof Coating: A material typically applied in the liquid state to the roof surface at the time of construction or at a later time as a retrofit measure. Roof coatings may be bituminous, polymeric, or polymer modified. Bituminous roof coatings are formulated using bitumen. Polymeric roof coatings are formulated using a variety of synthetic resins such as acrylic, neoprene, styrene butadiene, urethane, polyvinyl acetate, and others. Polymer modified roof coatings are manufactured by combining a portion of the polymeric technology with bitumen technology.

<sup>3</sup>Metal: Metal roofing systems are divided into two categories, architectural and structural. Architectural metal roofs usually require a slope of at least 3:12. Structural metal roofs can be used on roofs with slopes as low as 1/4:12. Steel and aluminum sheets are commonly used to fabricate metal roof panels. Steel requires a corrosion resistant metal coating such as zinc, aluminum, alloys of zinc-aluminum, or tin. Metallic coated steel includes galvanized steel, aluminized steel, zinc-aluminum-coated steel and terne-coated steel. Metallic coated steels and Aluminum are also painted to provide additional corrosion protection, as well as color.

<sup>4</sup>Modified Bitumen: Roll roofing products consisting of asphalt, reinforcing layers, and in some cases, surfacing. During manufacture, a polymer (APP, or atactic polypropylene, and SBS, or styrene butadiene styrene, are the most common) is added to the bitumen while heating, which "modifies," or changes, its properties.

<sup>5</sup>Single-Ply Membrane: Flexible manufactured sheet of compounded synthetic materials. Single-ply membranes include EPDM (ethylene, propylene, diene monomer), Neoprene (chloroprene rubber), PVC (polyvinyl chloride polymers), CSPE (chlorosulfonated polyethylene, also known as Hypalon), CPE (chlorinated polyethylene), PIB (polyisobutylene), NBP (nitrite alloy membranes compounded from butadiene-acrylonitrile copolymers), TPO (thermoplastic polyolefin), and others.

<sup>6</sup>Composite Shingle: Composed of a base material, either organic felt or glass fiber mat; asphalt; and surfacing material, generally in the form of mineral granules.

<sup>7</sup>Spray Polyurethane Foam Roof System: A fully adhered system that consists of a rigid closed-cell sprayed-in-place polyurethane foam insulation and a protective roof coating. Typical coatings include acrylic, silicon, or urethane elastomers.

<sup>8</sup>Roof Tile: May be composed of clay, concrete, fiber-cement, or synthetic materials. A variety of tile profiles, styles, finishes, and colors are available.

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**Submission Deadline: March 31, 2008**

**Please submit by mail, email, or fax to:**

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