Notes on the Products Available for Sale Databases

In response to stakeholder request, the U.S. Environmental Protection Agency (EPA) is providing the Products Available for Sale Databases, which served as the basis for some of the analysis included in the *Version 6.0 Draft 1 Criteria and Analysis Report*, published in July 2012. To provide context for these datasets, EPA offers the following information.

Data Collection for Windows

The product information included in the Products Available for Sale Database for windows was collected between June 2010 and September 2010. EPA sought to collect information from the top 20 window manufacturers (by revenue) because they represented 79.7% of the market[1] in 2010. Additionally, EPA confirmed at the time that each of the top 20 manufacturers produced ENERGY STAR qualified products and that 14 of the top 20 sold products nationally. Some of the top 20 manufacturers did not publish windows specifications on consumer-facing web pages, so there was no information that EPA could collect from these manufacturers' sites.

Data Collection for Skylights

Collection of the product information included in the Products Available for Sale Database for skylights began in June 2011. To compile this data, EPA first created a list of skylight manufacturers with active residential product lines in the National Fenestration Rating Council (NFRC) Certified Products Directory (CPD). In contrast to windows, skylight manufacturers are less likely to have skylight specifications published on their websites, but EPA collected and recorded technical specifications and component information for five manufacturers. Skylights used in commercial applications or strictly in conjunction with sunrooms were excluded. No Tubular Daylighting Device (TDD) manufacturers had performance data on their websites, so the dataset does not include TDDs.

Analysis

Analysis of the Products Available for Sale Database for windows took place between September 2010 and July 2012. The details and results of this analysis are included in Section 3.2 of the *6.0 Draft 1 Criteria and Analysis Report*, published in July 2012. Section 5.2 includes the results of the analysis on the Products Available for Sale Database for skylights.

File Specifications and Import Instructions

To reduce the file size of the Products Available for Sale Databases, EPA is releasing the datasets as semicolon-delimited files with one line of headers. There are 13 columns in the windows file and 14 columns in the skylights file. The files can be imported using a variety of programs. Basic instructions for importing the dataset using Microsoft Excel 2007 are included below.

1. Open Excel to a blank spreadsheet and click to the Data tab.
2. From the "Get External Data" section, select "From Text." Locate and select the file, then click "Import".
3. Use the "Text Import Wizard" to choose the "Delimited" file type, and then click "Next."
4. Select "Semicolon" as the delimiter, and then click "Next."
5. Use "General" as the column data format, and then click "Finish."
6. Decide where you want to put the data (existing or new worksheet) and select "OK."

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[1] Estimate by D&R International, Ltd, based on: *Window & Door Magazine.* "Top 100 Manufacturers of 2010 – Rankings." http://www.windowanddoor.com/2010Top100rankings1. (last accessed 5/24/2012)