

Date:

To:

Re: **Canada Green Building Council, LEED™ System (Leadership in Energy & Environmental Design)**

The following point's listed below supports the manufacturing guidelines of our products and our production technologies that reflect the LEED Green Building Rating System.

**Credit MR 4.1, 4.2:**

**Recycled Content**

Our two main steel suppliers are ArcelorMittal Dofasco, and US Steel. ArcelorMittal Dofasco uses two types of steelmaking technologies to produce a variety of steel grades for a wide range of building product applications. The traditional Basic Oxygen Furnace (BOF) uses approximately 27% steel scrap while the Electric Arc Furnace (EAF) uses nearly 100% of steel scrap. The calculated average of 58% recycled steel content. This includes a total post-consumer content of 20%, a total pre-consumer (also known as "post industrial") content of 25%, with the balance comprised of home scrap (home scrap is internal scrap from steel processing operations and does not fall into either of the pre-consumer or post-consumer scrap categories).

US Steel uses the traditional Basic Oxygen Furnace (BOF), which uses approximately 20-30% steel scrap. Therefore, we can calculate a general average of 31% of recycled steel content, of this, the post-consumer recycled content contributes 23% and the pre-consumer (also known as "post industrial") recycled content contributes 7.3% .

**Credit EQ 4.1, 4.2:**

**Low-Emitting Materials**

All of our adhesives and sealants fall beneath the maximum thresholds for Volatile Organic Compounds (VOCs) for Credit EQ 4.1, and are free of the VOCs and toxins for Credit EQ 4.2.

In addition to the above, we recommend the use of insulated core doors at exterior openings, in conjunction with our thermally broken frames to minimize thermal transfer year-round. This may garner LEED Credit for energy preservation.

Thank you for choosing Vision Hollow Metal Limited, your environmentally conscientious supplier of steel doors and frames.

Vision Hollow Metal Limited