

## MR Credit 4.1/4.2 Recycled Content, 2300 Corner Guard

The 2300 surface mounted corner guard consists of an aluminum profile extrusion which functions as a retainer for an extruded thermoplastic snap-on cover. The cover is designed to work in conjunction with the retainer such that the assembly will absorb significant impact without damage to the materials or surrounding construction.

The recycled content of this product is given as a percentage calculated by comparing the weight of the product to the weight of the recycled materials it contains. The net weight of the corner guard assembly is .49 pounds per linear foot. This value represents the sum of the weights of the aluminum retainer and thermoplastic cover and is subject to variation resulting from standard manufacturing tolerances.

The recycled content of this corner guard is contained solely in the retainer as follows:

Post Consumer Scrap:	10%
Post Industrial Scrap:	60%
Primary Aluminum:	30%

In accordance with guidelines set forth in USGBC – LEED V2.2, the recycled content of the aluminum retainer is calculated as a function of the percentages of post consumer and post industrial recycled content (*Post consumer % + ½ \* Post Industrial %*). Based on this formula, the recycled content of the aluminum retainer is 40% or .11 pounds per linear foot. This represents 22% of the total product weight.

Given these values, the recycled content of a 2300 corner guard may be determined in pounds or, as provided above, as a percentage of the total product weight.