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PAWLING CORPORATION

ARCHITECTURAL PRODUCTS DIVISION

Wall Protection Systems
Entrance Mats And Gratings
Athletic Flooring Systems
Industrial Impact Protection Systems
Parking And Traffic Safety Products

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MR Credit 4.1/4.2 Recycled Content, CG-11 End Wall Guard

The CG-11 surface mounted end wall guard consists of two CG-20 corner guards and a flat sheet filler strip. The CG-20 corner guards consist 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 filler strip is used in conjunction with the corner guards to prevent damage at end walls.

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 1.2 pounds per linear foot. This value represents the sum of the weights of retainer and cover extrusions combined 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 retainer is:

Post-Consumer + 1/2 * Pre-Consumer = 10%+1/2*60% = 40%

Applying this percentage to the weight of the retainer, the recycled content of the corner guard assembly is 17% of the product by weight ((40%*.52)/1.2 = 17%). This value may be applied to the project cost of this product and added to similar values for the total project in order to determine LEED credit applicability for MR Credits 4.1 and 4.2.