

Waterproofing LEED 2009 Green Building Rating System Technical Bulletin

This bulletin will detail the contribution of GCP Applied Technologies (GCP) Waterproofing materials to the LEED 2009 Green Building Rating System for New Construction, Major Renovations of existing buildings, Core & Shell and Schools.

MR Credit 2.1: Construction Waste Management, Divert 50% from Disposal

MR Credit 2.2: Construction Waste Management, Divert 75% from Disposal

In areas where facilities exist, the following GCP Waterproofing materials are recyclable and can contribute to earning Materials and Resources Credit 2.1 and Credit 2.2.

- Wooden Pallet wood 45 lbs
- Sheet core cardboard 3 lbs/core
- Carton cardboard 4 lbs/carton
- Pail steel 2 lbs/pail
- Pail HDPE (plastic) 2 lbs/pail
- Drum steel 29 lbs/drum
- Drum fiber 12 lbs/drum

MR Credit 4.1: Recycled Content, 10%

MR Credit 4.2: Recycled Content, 20%

The recycled content of GCP Waterproofing materials is as follows and can contribute to earning Materials and Resources Credit 4.1 and Credit 4.2. All other GCP Waterproofing materials not listed below do not contain recycled content, 0% Post Consumer and 0% Post Industrial. Wt. Percent Wt. Percent Post Industrial Post Consumer GCP Product Recycled Content Recycled Content.

- HYDRODUCT® 200 89% 0%
- HYDRODUCT® 220 86% 0%
- HYDRODUCT® 225 83% 0%
- HYDRODUCT® 660 83% 0%
- HYDRODUCT® 600 92% 0%

MR Credit 5.1: Regional Materials, 10% Extracted, Processed & Manufactured Regionally

MR Credit 5.2: Regional Materials, 20% Extracted, Processed & Manufactured Regionally

Waterproofing materials are manufactured in several locations in North America. If these locations fall within a 500-mile radius of the project site and the location the raw materials used to make the finished product are extracted, recovered or harvested within a 500-mile radius of the project, then these materials or a portion of the materials can contribute to earning Materials and Resources Credit 5.1 and Credit 5.2.

The following are the locations of the GCP Waterproofing materials manufacturing plants:

PLANT LOCATION	PRODUCT
Bedford Park, IL	BITUTHENE® materials
Mount Pleasant, TN	BITUTHENE® materials, PREPRUFE® materials
Union County, NC All	HYDRODUCT® materials

Please contact your local GCP Representative to request a project specific letter pertaining to Credit 5.1 and Credit 5.2. The letter will provide the quantity of raw materials that are extracted, recovered or harvested within 500 miles of the project location.

MR Credit 6: Rapidly Renewable Materials

None of the GCP Applied Technologies Waterproofing materials are made from or contain any rapidly renewable materials.

MR Credit 7: Certified Wood

None of the GCP Waterproofing materials are made from or contain any woodbased materials. MR Credit 7 is not applicable to GCP Waterproofing materials.

EQ Credit 4.2: Low Emitting Materials, Paints & Coatings

EQ Credit 4.2 pertains to products that are to be used in the interior of a building. GCP Waterproofing materials are applied onto the exterior of a structure and therefore would not contribute to this credit. However, GCP has provided the volatile organic content (VOC) of GCP Waterproofing materials listed below.

- GCP Product VOC Content g/L
- PROCOR® (all types) 75 (as applied)

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gcpat.com/solutions/products/liquid-waterproofing/waterproofing-lead-2009-green-building-rating-system