

## HOW RAVEN INDUSTRIES CAN HELP YOU ACHIEVE A HIGHER LEED RATING.

The following is based on the LEED Reference Guide Building Design and Construction 2009 Edition. This is a point by point review of the LEED checklist and a suggestion of how Raven Industries can assist you, the builder or architect, in achieving a higher LEED score.

### Sustainable Site. Prerequisite 1. Erosion & Sedimentation Control.

Raven Industries can supply rain covers to prevent erosion by rain or wind of stockpiles of topsoil or fill dirt until used on the site.

### Sustainable Site. Credit 3. Brownfield Redevelopment.

Raven Industries can supply barrier membranes that can be used as part of a system to control soil poisons (buried oil by-products) methane and radon. Raven does not design such systems, which include active or passive collection and venting, but can supply barrier membranes as part of these systems.

### Sustainable Site. Credit 4.3. Alternate Transportation.

Should your design include an alternate fuel refueling station Raven can provide liners for secondary containment of spills and vapor retarders to separate the refueling center from the occupied areas of the building.

### Sustainable Site. Credit 6. Stormwater Management.

Should your site development need underground storm water storage to control the rate of stormwater discharge, Raven can provide liners and covers to control silt infiltration into the stormwater storage system.

### Energy & Atmosphere. Prerequisite 2. Minimum Energy Performance.

### Energy & Atmosphere. Credit 1. Optimize Energy Performance.

Raven Industries in-wall vapor retarders can help achieve a higher performance building envelope by controlling air infiltration without creating a moisture-trapping problem.

### Materials & Resources. Prerequisite 1. Storage & Collection of Recyclables.

### Materials & Resources. Credit 2. Construction Waste Management.

Recyclables and salvageable materials can be covered with Raven reinforced films to prevent damage by the elements. Recyclables and materials awaiting landfill can be covered to control disease-spreading birds by limiting their feeding and nesting.

### Materials & Resources. Credit 4. Recycled Content

Raven Industries VaporBlock® G™ (VBGL15) Vapor Barrier contains 10% post-consumer recycled content meeting the requirements of MR Credit 4 Recycled Content for 1 point.

### Materials & Resources. Credit 5 Local/Regional Materials.

Should your site be within 500 miles of Sioux Falls SD. Raven can help you achieve this credit.

### Indoor Environmental Quality. Prerequisite 1. Minimum IAQ performance.

### Indoor Environmental Quality. Prerequisite 2. Environmental Tobacco Smoke Control.

The use of Raven in-wall and under floor vapor retarders can assist in achieving superior indoor air quality by controlling water vapor and tobacco smoke migration through the building. Controlling moisture in the building can control the growth of mold as well as preventing damage to floor and wall coverings.

### Indoor Environmental Quality. Credit 3. Construction IAQ Management Plan.

Raven reinforced film can be used as temporary building enclosures and material covers to meet the requirements of credit 3.1.

### Indoor Environmental Quality. Credit 5. Indoor Chemical & Pollutant Source Control.

Raven vapor barriers can be used to minimize cross-contamination between rooms where chemicals are used regularly to occupied areas by minimizing transmission through the walls.

## RAVEN ENGINEERED FILMS

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