



## LEED RATING SYSTEM

**TECHNICAL SUPPORT 800.345.6202**

**XCR4 is a combination of rubber and recycled cork.**

The following are the percentages of post consumer and pre consumer waste for Expanko XCR4.

**By volume the percentages are as follows:**

- 70% cork
- 30% rubber

**By weight, the percentages are as follows:**

- 11% of XCR4 is pre-consumer waste
- 0% of XCR4 is post consumer waste

The following are areas where XCR4 Flooring may contribute to achieve LEED credits:

### **MATERIALS & RESOURCES**

Credits:

MR4.1: Use materials with recycled content such that the sum of the post-consumer recycled content plus ½ pre consumer recycled content constitute at least 5% of the total value of the materials in the project. (1 point)

MR4.2: Use materials with recycled content such that the sum of the post-consumer recycled content plus ½ the pre consumer recycled content constitutes at least 10% of the total value of the materials in the project. (1 point)

MR6: Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) for 5% of the total value of all building materials and products used in the project. (1 point)

**XCR4 contains cork and cork is a renewable resource harvested in 9-year cycles.** Cork is the bark of the cork oak tree, which grows in the Mediterranean region of Europe and North Africa. The bark on the cork tree regenerates every nine years to an approximate thickness of two – three inches. Harvesting of the cork in no way damages the tree. Cork trees will live up to 250 years.

### **INDOOR ENVIRONMENTAL QUALITY**

IEQ 4.1: The VOC content of adhesives and sealants used must be less than the current VOC content limits of South Coast Air Quality Management District Rule #1168 and all sealants used as filters must meet or exceed the requirements of the Bay Area Air Quality Management District Regulations 8, Rule 51 (1 point).

**All Expanko adhesives, sealers and finishes meet or exceed the above requirements.** MSDS sheets available upon request.

EQ 4.3: Reduce the quantity of indoor air contaminants that are odorous, potentially irritating and/or harmful to the comfort and well-being of installers and occupants. . Products bearing the FloorScore label meet the indoor air emissions criteria of:

- Collaborative for High Performance Schools (CHPS)
- LEED® Green Building Rating Systems
- Green Guide for Health Care.

IEQ 4.4: Composite wood and agrifiber products used on the interior of the building shall contain no added urea-formaldehyde resins. (1 point). No added urea-formaldehyde resins are used in the manufacturing process or XCR4 Cork Rubber Flooring, adhesives or finishes.

For more information about Expanko visit: [www.expanko.com](http://www.expanko.com) or call 800.345.6202.