

**How to Use This Document**

This document is intended to be a guide for project teams to support compliance with LEED for New Construction (LEED-NC) Versions 2.1, 2.2 and 3.0. MR credit areas also apply to other LEED programs, including LEED for Existing Building (LEED-EB), LEED for Core & Shell (LEED-CS), LEED for Homes (LEED-H) and LEED Application Guides for schools, laboratories, lodging, retail and health care.

This guide contains documentation for Johns Manville mechanical insulation products as required to support Materials & Resources LEED credit compliance.

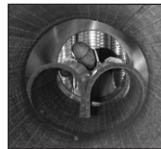
Mechanical insulation products discussed in this document include:



Duct Wrap



Rectangular  
Duct Liner



Round  
Duct Liner



Duct Board



Flexible  
Duct  
Insulation



Pipe  
Insulation



Tank &  
Equipment  
Insulation

Specification of Johns Manville mechanical insulation products can contribute toward LEED-NC credits in the areas of:

- Energy & Atmosphere (EA)
- Indoor Environmental Quality (IEQ)
- Innovation & Design (ID)

**Mechanical systems, components and insulations are specifically excluded from being used in MR credits under LEED-NC 2.1, 2.2 and 3.0.**

**Materials & Resources Credits**

**Credit 4 – Recycled Content**

According to a **CIR** (Credit Interpretation Request) ruling dated November 2, 2006, all items specified under CSI MasterFormat 1995 Divisions 15 and 16 are to be excluded from MR credit calculations. This includes pipe and duct insulations, duct board and flexible duct insulation.

**Credit 5 – Regional Materials**

Pipe and duct insulations, sheet metal ducts, duct board and flexible ducts may not be counted toward calculations for these credits.

The cost/weight of these products is lower than many other building materials that are counted in MR credits. Johns Manville does not believe the exclusion of these products is warranted and is encouraging changes in future versions of LEED that will allow recycled content and regional sourcing/manufacturing of these products to count toward MR credits.

For information on all JM products and how they can contribute toward LEED-NC credits, please see JM Commercial Guide to LEED Credits (literature number HIG-1231) or contact your JM representative.