











MGCS Objectives:

To help federal design professionals meet their projectspecific environmental goals including:

- EPA's Comprehensive Procurement Guidelines (CPG)
- Greening of Government Executive Orders
- DOE's Federal Energy Management Program (FEMP) Product Efficiency Recommendations
- EPA's Construction Industry Compliance Assistance Center Recommendations
- EPA's Waste Minimization Priority Chemicals
- EPA's Indoor Environments Program Recommendations
 In addition.
- US Green Building Council's LEEDtm Rating System
- National Technology Transfer & Advancement Act/OMB A119

Resources for Model Language DOD Unified Facilities Criteria Program & UFGS GSA Real Property Sustainable Development Guide EPA Region 10 Interior Remodeling Specifications Triangle J Council of Governments, WasteSpec Commonwealth of Massachusetts King County, Washington and more!

Intro to Specifications: CSI Divisions 1 - General 8 - Doors and Windows Requirements 9 - Finishes 2 - Site Construction 10 - Specialties 3 - Concrete 11 - Equipment • 4 - Masonry • 12 - Furnishings ◆ 5 - Metals 13 - Special Construction 6 - Wood and Plastics 14 - Conveying Systems 7 - Thermal and 15 - Mechanical Moisture Protection 16 - Electrical

SECTION 17010 - Gizmos

SPECIFIER NOTE:

resource management: Mining raw materials for gizmos produces soil erosion, pollutant runoff, and habitat loss.

Adhesives for gizmos are typically derived from petrochemicals.

Manufacturing of gizmos is considered energy intensive; however, there have been some energy efficiency improvements in recent years. Gizmos containing recycled glass are available.

toxicity/IEQ: VOCs may be emitted from gizmo adhesives during the curing process.

performance: Gizmos are extremely durable and require little maintenance. Performance is comparable for green methods and standard methods.

SECTION 17010 - Gizmos PART 1 - GENERAL 1.2 SUBMITTALS

SPECIFIER NOTE:

The 2002 Farm Bill - Section 9002, Federal Procurement of Biobased Products, requires each Federal Agency to develop a procurement program which will assure that items composed of biobased products will be purchased to the maximum extent practicable and which is consistent with applicable provisions of Federal procurement law.

USGBC-LEED™ v2.1 includes credits for use of rapidly renewable materials, which USGBC describes as plants harvested within a ten-year cycle.

Biobased materials: Indicate type of biobased material in product and biobased content.

SECTION 17010 - Gizmos PART 2 - PRODUCTS 2.1 MATERIALS

SPECIFIER NOTE:

US EPA Comprehensive Procurement Guidelines (CPG) 2002 recommends 10 percent post-consumer content for gizmos.

USGBC-LEED™ v2.0/2.1 include credit for materials with recycled content, calculated on the basis of pre-consumer and post-consumer percentage content. In version 2.0, yada... 20 percent yada... 40 percent In version 2.1, yada... 5 percent yada... 10 percent

 Recycled Content: Minimum [10] [xxxx] percent postconsumer recycled content, or minimum [20] [40] [xxxx] percent pre-consumer recycled content at contractor's option.

SECTION 17010 - Gizmos PART 3 - EXECUTION 3.1 SITE ENVIRONMENTAL PROCEDURES A. Indoor Air Quality: 1. Temporary ventilation: As specified in Section 01352 -Indoor Air Quality (IAQ) Management and as follows: a. Ventilate gizmos prior to installation. 2. Final cleaning: As specified in Section 01740 - Cleaning B.Resource Management: 1. Energy Efficiency: Verify gizmo is properly installed, connected, and adjusted. Verify that gizmo is operating as specified. 2. Coordinate with manufacturer for **Imaintenance** agreement] [take-back program] [green lease] of gizmo.



















