National BIM Standard - United States® Version 3

2   Reference Standards

2.4   OmniClass™

2.4.4.6 OmniClass™ Table 23 – Products, June 2010

2.4.4.6.1 Scope

OmniClass™ is a comprehensive system consisting of 15 tables for classifying the entire built environment throughout the full project life-cycle. *Table 23 – Products* provides a hierarchical taxonomy for classifying and identifying construction product classes. Products are the basic building blocks used for construction. A product may be a single manufactured item, a manufactured assembly consisting of many parts, or a manufactured operational stand-alone system. The whole OmniClass™ system can be used to organize many different forms of information and for use in preparing project information, communicating exchange information, cost information, specification information, and other information that is generated during the services carried out throughout the project life-cycle.

2.4.4.6.2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- ISO Technical Report 14177, Classification of Information in the Construction Industry, July 1994
- ISO 12006-2:2001, Organization of Information about Construction Works – Part 2: Framework for Classification of Information

2.4.4.6.3 Terms, definitions, symbols, units and abbreviated terms

For the purposes of this document, the following terms, definitions, symbols, units and abbreviated terms apply.

2.4.4.6.3.1
product
component or assembly of components intended for permanent incorporation into a facility or construction entity

2.4.4.6.4 **OmniClass™ Table 23 – Products, 2010-06-24**

2.4.4.6.4.1 Introduction

OmniClass™ Table 23 –Products is an existing industry standard developed, managed, published and copyrighted by the Construction Specifications Institute, approved through the NBIMS-US™ consensus process. *OmniClass™ Table 23 – Products* is incorporated in NBIMS-US™ by reference so that it can be easily referenced in BIM Information Exchanges. Document follows.

2.4.4.6.5 Bibliography

1.   Autodesk Seek, http://seek.autodesk.com/

2.   Construction Project Information Committee; *Uniclass: Unified Classification for the Construction Industry*, Table L, Products; RIBA Publications, 1997

3.   Construction Specifications Institute (CSI), Construction Specifications Canada (CSC); *MasterFormat® 2010 Update*; Alexandria, VA: CSI, 2010

4.   ISO 12006-2, Table 4.13, Construction Products (by function); Geneva: ISO, 2001

5.   McGraw Hill Construction Sweets Network, http://products.construction.com/

6.   Reed Construction Data SmartBuilding Index,
http://www.reedconstructiondata.com/smartbuildingindex/