About

BIM is an acronym that stands for an object, a building information model and also a process for creating and using that object, building information modeling. There is a need to develop BIM tools for masonry to maintain market share. With that intent, an Initiative was formed to advance BIM for masonry.

LEARN MORE

BIM for Masonry

Masonry Unit Database V2 (MUD) by BIM-M

Welcome to MUD Version 2

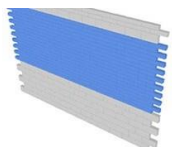This free Masonry Unit Database (MUD) is provided to the AEC community by the International Building Information Modeling for Masonry Initiative (BIM-M). The database is intended to provide designers and BIM users standardized data for their models.

BIM-M represents the masonry industry in the United States and portions of Canada. The database provides material information and BIM files in both Imperial and Metric units. Version-2, released in June 2019 enhances and increases the number of generic concrete and clay anchored, adhered and structural masonry units along with place holders for anchored and adhered natural and manufactured stone and tile units and BIM files in DWG, DGN, DXF, and RFA formats. The database has been configured to accommodate actual units including a variety of shapes supplied by individual manufacturers in each of the categories. Manufacture specific data (BIM's) may be incorporated in Version 3 of the database. Autodesk Revit users can also download MASONRY UNIT GENERATOR (http://mudb.org/category.php?cat=revit) which a free plugin and a time saver.

Now Available!

3DiQ Software

BIM-M is pleased to support Masonry iQ, a revolutionary, new masonry modeling plugin for Autodesk REVIT that was released on July 28, 2017.

The software available from www.3DiQinc.com was inspired

by BIM-M and assists modelers with masonry modularity. Improve your models and get the masonry coursing right. It will save problems later and improve the layout and workmanship in the field by the masons. See a short video that illustrates the power of this software at https://www.youtube.com/watch?v=bMRDwQYImUk.

Users can find Frequently Asked Questions at www.bimformasonry.org/pdf/3DiQ_FAQ.pdf.

2017 BIM-M Presentations
BIM-M held its Symposium on May 4-5, 2017. Presentations are provided. You can view and download presentations at www.bimformasonry.org/presentations.

BIM Deliverables Guides for Masonry Contractors
BIM-M has two guides specifically written by mason contractors for mason contractors! These guides provide tips and ideas to becoming BIM savvy and making your business more productive. The examples illustrate how other mason contractors have used BIM to can help their businesses. Both volumes (Volume I and Volume II) are available free for download. Does your masonry contractor association want a presentation by Fred Kinateder, the primary author of the guides and the BIM-M Contractor's Group Project Manager? If so, please let us know!

UPDATED Masonry Content Pack for Autodesk Revit
BIM-M's "Masonry Content Pack for Autodesk Revit" has been updated to include more features and save you more time! Our experts have created such content as bond beams, vertical reinforcement in grouted cells, movement joints, arches, wall types of numerous conditions, various generic unit profiles, wall hatches for bonding patterns, flashing details, and more. The library can be accessed for free at https://ctcexpresstools.com/bim-masonry/. An instructional video accompanies the library to help you get started!

Instructional Videos
BIM-M announces the first is a series of instructional videos to accompany its guide "BIM for Masonry, Modeling Masonry Buildings in Autodesk Revit" for architects, engineers, contractors and other users of masonry. The seven minute video is a free download and addresses Hatch Patterns as described in the overall guide. One PDF file accompanies the video.

BIM for Masonry: Modeling Buildings in Autodesk Revit
BIM-M has released the its new guide "BIM for Masonry, Modeling Masonry Buildings in Autodesk Revit" for architects, engineers, contractors and other users of masonry. Developed in cooperation with the TMS BIM Committee, the guide is a free download. Three actual Revit models that accompany the guide are also available (Masonry Office Sample A15, Masonry Office Sample S15, and Harrison Prep Model).

Also see www.facebook.com/AutodeskRevit and www.masonrysociety.org/html/resources/BIMM%5CBIMM.htm.

BIM is an acronym that stands for an object, a "building information model" and also

a process for creating and using that object, "building information modeling". The BIM model provides a digital representation of the building, so that the modeling and analysis tools used by architects, engineers, constructors, managers and owners can read from and write to the same information source.

BIM is expanding quickly within the construction industry worldwide. However, the masonry industry is not well represented. Therefore, there is a need to develop BIM tools for masonry to maintain market share. With that intent, an Initiative was formed in 2012 specifically to advance BIM for masonry.

The Building information Modeling for Masonry Initiative is an international effort between the masonry industries of the United States and Canada. It is identifying barriers to and strategies for the full implementation of masonry materials and systems into BIM software for the design and construction industries.

Our commitment to BIM-M is an indication of the professionalism and dedication of the masonry industry to the modernization of the construction industry.

www.bimformasonry.org