



Classification Requirements

BIM & Scan AutoCorr™ requires users to implement proper IFC Entity Type classifications. We have done our best to briefly explain the classification requirements for BIM & Scan AutoCorr™ model input files. Files will not fail in BIM & Scan AutoCorr™ when processing them with improperly classified objects. Successful processes and executions of improperly classified IFC2X3 CV2.0 MVD files will result in BIM & Scan AutoCorr™ Output Files that have the wrong colour associated with that IFC object.

User of BIM & Scan AutoCorr™ should properly classify their Coordination MVD files according to the IFC 2X3 ontology/data model. The user should minimise the use of IfcBuildingElementProxy's. IfcBuildingElementProxy's will come out as IfcBuildingElementProxy R=14 G=152 B=223 (Blue).

<http://www.buildingsmart-tech.org/ifc/IFC2x3/TC1/html/ifcproductextension/lexical/ifcbuildingelementproxy.htm>.

We provide the [ifc2x3tc1_EntityType_ColorizationFile.pdf](#) document for classification analysis when using BIM & Scan AutoCorr™. If an object has the wrong classification the colour can be matched to the PDF provided to analyses such a scenario. Upon fixing a classification issue, the resulting IFC Class shall match the colour for that class in the PDF provided.