



Inventory of source files

In order to eventually generate a material passport in the Madaster platform, the platform must first be provided with source files containing detailed data of the specific building (or building section).

The BIM model is central to the Madaster platform, where the universal "IFC format" (.ifc) is seen as the source file for the input of all data of the building. An IFC file is generally created during the design and / or renovation phase of a building (or building section) in a 3D modelling application such as Autodesk Revit, Archicad, etc. Below you will find the Madaster guidelines for setting up the BIM model and the export of an IFC file:

- Ensure that the project zero point is related to the RD coordinate anywhere in the world (note: Dutch coordination system);
- Prevent the use of the IFC entity 'Building element proxy' and 'Building element part';
- Each GUID must be unique;
- All elements must have a material assigned;
- All elements must be classified by NL/SfB (4 digits): in which a building part or material is located (note: Dutch classification of building elements);
- Enter the "IFC-Type" correctly, enter as much as possible for each element;
- Always export the "Base Quantities" (volume units);
- Export the "Renovation status" or "Phasing" in the eponymous Property set; if self-made, use the English name: Existing / Demolish / New;
- Use the "2x3" export setting.

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