BABOOM
THE BIM WIZARD

Materials: User Guide

The office material library and how materials are added

05 November 2026
BBM-MATERIALS-GUIDE
Companion to BBM-STD-71 Materials

The material library lives at `BABOOM-BIM-STANDARD\02-LIBRARIES\02-MATERIALS`. **It holds 1 approved materials today.** Until materials are published here, use the materials already in the office Revit template and record any new one through the intake below, so the library is built from real project needs.

1 What a library material must have (BBM-STD-71)

Item	Rule
Identity	A stable MaterialID, one controlled native name, a revision, its category, permitted use and the curator who released it.
Properties	Each property has a data type, unit, value, source document and edition. Unknown values stay "unknown" with a reason; never 0.
Appearance	Only office-original or licensed textures; no downloaded product photos. Each appearance asset records its image size and repeat size in model units.
Portable	No paths to a user PC or cache folder. Textures sit beside the material with relative paths, so the bundle works when moved.
Variants	A different grade, finish or manufacturer is a new variant with its own revision and reason, not a colour rename.
Release	Recorded in the BBM-STD-71 workbook (Register, Properties, Appearance, Release sheets) and reviewed before release.

+ Add a new item

Drop it 1

Copy the file into `02-MATERIALS\99-INTAKE` with a one-line note: what it is, where it came from, licence, who asked.

BIM team checks 2

It works, holds no client or project data, is not a duplicate (same SHA-256) and may be used by the office.

Filed and named 3

The BIM team renames it (BBM-STD-71: MaterialID, controlled name, revision) and moves it to its numbered folder. Rejected items go to 98-ARCHIVE.

Pages rebuilt 4

build_all.py regenerates this guide, the catalogue and the front page. Nothing is deleted.

Gap to close. The library is empty. The BIM team builds it from the intake and from the materials in the current office template, starting with walls, floors, ceilings and finishes.

Who to ask

The BIM team: questions, corrections, installs and new items. Do not edit files in the library; it is read-only for users.