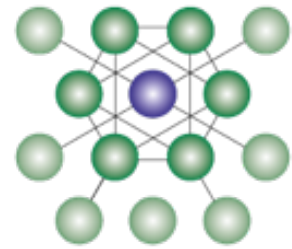


# GBE Product Data Collection

# GBE



## Green Building Encyclopaedia

### What are the needs of Product Data in the construction industry today?

- In the world of Big Open Data the internet needs access to your information if you want to be noticed
- Government has an ambition that all of its information is accessible on-line
- In the world of every increasing demand for efficiency and speed of service, industry needs to join this ambition
- Government also wants its procurement programme for buildings to be carried out using BIM Computer Aided Design (CAD) and this ambition is progressing along a route map having passed Level 2 early in 2016
- Many BIM Object Libraries contain expensively produced 3D CAD models of manufacturer's products, but many of them are dumb, they lack 'BInformationM', attached to the model, that is essential for the success of BIM
- In the world of 'Better Information Management' (=BIM) your information needs to be organized in the same order and using the same language as every other equivalent piece of information by your competitors as they engage
- As time progresses more BIM CAD Plug-in Apps will be created that interrogate such information
- Hiding your information inside PDFs excludes your information from such interrogation
- PDFs on your website are closed to search engines so limit their search capacity
- Everything needs to be in machine-readable text or tables

### What is GBE Product Data Collection? (GBE PDC)

- GBE interrogate your current information to extract the essence and copy it into a large schedule
- Stripping out all the marketing, promotional language, any greenwash, stripped down to the bare facts and figures
- Making this information suitable for: databases, for the world of Big Open Data and for Building Information Management (BIM)
- Generating 35 Product Data Tables each with industry standard formats, specific purpose and applications
- As new product groups enter the world of BIM new Product Data Templates need to be created for them.

### How is the GBE PDC schedule used?

- Up to 35 separate tables are generated from the large schedule
- Tables (not Excel files) are pasted into GBE Company, Product or other GBE Pages and/or your own website, so it or they are readable by internet search engine robots and spiders

### How does this help in the world of BIM?

- GBE PDC outputs include [BIM Product Data Templates](#) (PDT)-ready & [COBie-ready PDT](#)
- It's a first step towards Better Information Management/Building Information Modeling (BIM) readiness
- Choose a BIM System Data Sheet as an output from the GBE PDC and add it to a GBE System Page
- [BIM4M2](#), an advisory body to manufacturers, recommend a high Level of Information (LoI) attached to low Level of Detail (LoD) BIM model, is enough to get your product specified in a BIM project, at Level 2 or in an early project stage.
- High LoD models can be large files, when they are embedded in project files they can overload them and make them cumbersome to use.
- Low LoD generic models can be created by designers and your high LoI can be attached to them
- GBE PDC will provide a high LoI without the considerable expense of high LoD BIM CAD models.
- BIM CAD model files can provide a higher LoD, but this is not essential initially in early stages of projects
- As the BIM world matures GBE PDC will continue to evolve and it aims be the target for [Digital Object Identifiers \(DOI\)](#) that keep track of Product Data Sheets (PDS) and BIM objects
- Joining in will enable your sales in government funded work as we progress to BIM Level 3 and higher
- BIM level 2 and 3 will roll out across projects, practices and engage with other than Government funded work.

### **And how does GBE PDC work outside of BIM?**

- Some design practices will never engage with BIM, GBE PDC works for them too.
- Simple tables in website pages remain machine or human readable.
- Simple tables in literature remain human-readable in PDFs and hard copy literature.
- Simple tables in Word documents remain human-readable, accessible by copy and paste and editable in word processing

### **How are the schedules used?**

- One of GBE's clients was doing very well in the Retrofit DIY market but wanted to engage the Speculative Housing Developer market to persuade them to proactively fit their system so home owners did not have to:
- Having interrogated their literature it was clear to GBE that a GBE Robust Specification and a GBE Method Statement may help to provide the right information in the right format to convince this sector to engage with them
- The information required for both comes out of GBE Product Data Collection
- Having carried out the GBE PDC, we can also generate tables for GBE Incubator Page, System Page, BIM System Data Sheets and PASS assessment, for the same client and potentially other tables and pages to follow

### **How much information is collected in GBE PTC?**

- Currently GBE PTC has 1260 cells waiting to be populated with information about your company, product, accessories, system or service
- Not all of the cells will apply to every product, and not all of which will have readily available answers yet
- Some of the information called for may not be available depending upon the evolutionary state of the company and its services or the greenness of the company ambitions
- Currently they automatically feed 35 tables of information for different purposes (listed below)
- GBE PTC is continually evolving as the BIM world develops and consolidates and as GBE develops more out-put tables and services.

### **What kind of information is collected?**

- Your current information includes: Product Literature, Advertising, Websites content, Certificates, Video, CPD, etc.
- GBE collect product description, characteristics, performance or test evidence, specification information
- Their order is planned to generate intelligent documents from the schedules and the tables
  - e.g. specification order, demand - supply chain, site sequence, etc.
- The language used needs to be: precise, succinct, factual, authoritative, truthful
- Data is based on the manufacturer's information or test evidence, rewritten by GBE for this purpose

### **How is it collected?**

- GBE read through, identify the 'essence', copy it from HTML, PDF or Word, etc. files and paste it into Excel
- GBE have 40 years of searching for 'specification essence' from literature and have it down to a fine art

### **How long does it take to collect this much information?**

- 8-12 hours of GBE's time if the information is readily available
- Plus your proof-reading and GBE correcting/refining time
- Plus anytime obtaining or creating information that is not yet at your fingertips
- You can be selective about which schedules you require and reduce the cells that are to be populated

### **How long does it take to generate the 35 tables?**

- The main collection schedule is dynamically hyper-linked to the 35 tables
- 1260 cells are populated in the collection schedule
- Corresponding cells in the tables are automatically populated instantly
- Blank cells or rows in tables can be hidden to generate succinct tables in website pages or literature

### **What are the 35 output tables?**

- 0 Specification References,
- 1 Images,
- 2 About Product
- 3 [GBE Incubator](#) (Collaborate) G#899 N#919
- 4 [GBE PASS Product Accessory System Screening](#) (Collaborate) G#515 N#533
- 5 [GBE HERACEY™](#) (Jargon Buster) G#1429 N#1399
- 6 Manufacturer's Files
- 7 [GBE Product Data Sheet](#) (Collaborate) G#543 N#563
- 8 BIM CAD Model (Collaborate) G#
- 9 BIM Product Data Sheet (Collaborate) G#
- 10 COBie Spreadsheet (Collaborate) G#
- 11 [GBE Robust Specification](#) (Collaborate) G#541 N#561
- 12 Application Data Sheet (Collaborate) G#

- 13 Accessory Page (Collaborate) G#
- 14 System Pages (Collaborate) G#
- 15 Elemental Assemblies (Collaborate) G#
- 16 Elemental Assembly Specification (Collaborate) G#
- 17 Workmanship Specification (Collaborate) G#
- 18 Waste Specification (Collaborate) G#
- 19 FMSpec In-Use Maintenance Specification (Collaborate) G#
- 20 [GBE End of life](#) (Collaborate) G#1787 N#1677
- 21 [GBE Product Passport](#) (Collaborate) G#1098 N#1116
- 22 See Also (20 GBE subtopics)
- 23 [GBE Echo](#) (Collaborate) G#1064 N#1082
- 24 LCA and EPD (Collaborate) G#
- 25 [GBE Classify](#) (Collaborate) G#1479 N#1440
- 26 Manufacturer Page (Collaborate) G#
- 27 Supplier Page (Collaborate) G#
- 28 Installer/Applicator Page (Collaborate) G#
- 29 EAM Data
- 30 Contact Details
- 31 Company Page Schedule (Collaborate) G# [GBE Page Schedules About](#) G#1086 N#1104
- 32 Product Page Schedule (Collaborate) G# [GBE Page Schedules About](#) G#1086 N#1104
- 33 Accreditation certificates and labels
- 34 [GBE Method Statements](#) (Collaborate) G#12677
- 35 Total (0-34 above quick single undivided schedule)

#### **What is the cost?**

- £250 minimum if the information is readily to hand and no conflicting information is found
- Up to £500 if the information is harder to obtain or needs a lot of double checking, edited or rewriting

#### **What do the costs include?**

- Briefing process between manufacturer and GBE Product Data Collection writer
- GBE Creation, editing iterations and finalization time

#### **What do the costs excluded?**

- Your time for negotiating scope, budget/price and instructing go ahead
- Your time for information gathering and handover if the information is not in existence
- Your proofreading, comment and our discussion times
- Publishing on GBE website (£50/100/£150 for standard, enhanced, premium) depending on content required (set up and annual renewal cost same)
- Publishing on your website or including in your literature

#### **Justifying the Costs of Product Data Collection (PDC)**

- Lack of a Product Data Collection risks:
  - Lack of information at hand for equivalency comparisons, allows cheapest not the best to rule
  - Lack of succinct information for Robust Product Specification or other document creation

#### **Using GBE or other BIM agency to collect and collate your information**

- Most BIM agencies focus on 'BIModeling' files
- GBE concentrate on 'BInformationM' files
- GBE has its own readymade PDC Template, which continues to be added to from time to time
- GBE collect company, product, accessory, system, application data to suit your product(s)
- GBE identify and extract existing information, organize it, refine it, identify missing information and request it
- GBE can get to the right end point because we are familiar with industry standard approaches
- GBE can work fast and get to the end quickly
- Not engaging GBE and using other agencies
  - See GBE [Collaboration Service Comparison](#) G#12389
- GBE will minimize your time involved in getting the Product Data Collection created
- GBE Product Data Collection can be available via your representatives, on your and/or GBE websites, available to anybody at any time, not buried inside unsearchable software

#### **GBE Product Data Collection Proposal 2017: Links to related documents:**

- <http://GreenBuildingEncyclopaedia.uk> G#8
- [Product Data Collection](#) (Collaborate) G#14563
- [Product Data Sheet](#) G#543 N#563
- [Page Schedules About](#) G#1086 N#1104

- [Product Data Templates \(PDT\)](#) G#8097
- [Product Method Statement \(Template\)](#) G#14276
- [Communicating Product Data BIM4M2](#) G#11309
- [Collaborator Service Band Scope & Prices](#) G#2168
- [Collaborator Service Bespoke budget calculator](#) G#3288
- [Members Newsletter No 3 January 2016](#) G#9384
- [Solution Provider News No 3 January 2016](#) G#9293 G#9293
- [Digital Object Identifiers \(DOI\) G#](#)
- Solution Provider News No. \_ January 2017

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