

Building Information Modelling (BIM) – Policy, Strategy & Execution plan

As well as our ongoing committed to providing a successful project it's also our duty to improve the way we can advance the use of technology and share information. We understand the importance technology has on our industry and seek to continually improve our methods, training and philosophy.

The construction industry makes it clearer each year that the introduction of effective efficient and clear information is key to a successful project and by building strong relationships so that projects can be delivered on time and to the highest of standards for all our clients.

Building information modelling (BIM) is a collaborative way of working, underpinned by the digital technologies which unlock more efficient methods of designing, constructing and maintaining buildings. One key competitive advantage of BIM is the ability to promote greater transparency and collaboration between our partners and clients.

Nueco Façade and Glazing Solutions, its directors and all its staff are committed to the development and implementation of building information modelling and believe it to be an integral part of our business activity.

BIM Strategy

Understanding BIM is one part of the puzzle but ensuring we implement is key. Our BIM strategy is to ensure we are ready for main contractors that require their supply chain to operate Level 2 or PAS1192 standard. We ensure the following is key to ensuring this:

Experienced designers – Our designers are recruited for their skill and knowledge of systems but also how fluent they are in understanding how that information is used and made transparent for our clients. Exporting files, viewing models and keeping abreast on the latest legislation is a Nueco Façade and Glazing Solutions staple for our designers. Furthermore, we ensure our designers have the latest software to export, create and view 3D modelling.

Internal Collaboration – All our technical information, internal drawing process and approval is completed solely on our internal SharePoint collaborative network.

Training – We ensure our staff are well trained in BIM and evidence of our training to date is available in our training matrix. Further, internal best practice is shared when using external platforms. We are fluent with the following external CDE for uploading and sharing collaborative information in PDF and DWG files:

- 4 projects
- Acconex
- Procure

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BIM Leadership

We want to be the best and continually improve. IN order to do that we have to remain at the forefront of all industry advancements. BIM is no exception. The stronger we are adopting these new methods then the stronger our core business can be. This take shape in the form of: - o Design protocol – ensuring our systems are robust and guidelines are followed

- Drawing & Model numbering – We ensure we use the correct systems for identifying our drawings
- Best practice – Monthly focus groups internally to discuss how we can improve our systems

BIM Execution plan (BEP)

We understand the importance of a BIM Execution plan is for the project both at pre-construction, construction and handover stage. There are a number of different parties in collaboration and one of which would be Nueco Façade and Glazing Solutions. During the pre-construction phase some elements of the BEP defined how we suppliers will model or the design will be carried out (PAS1192-2:2013) and we are able to contribute based on our knowledge and experience from previous projects and also how we intend to deliver such specific project. At present we do not have our own specific BEP as we do not adopt the main contractor role. But we are always happy to adopt, develop and contribute to any such plan and remain an integral part of the collaboration and adhere to the rules and outline requirements.

“All our company policies are reviewed quarterly to ensure that Nueco Façade and Glazing Solutions remains knowledgeable, learned and abreast with the latest industry legislation. We employ highly trained professionals and outsource consultancy where applicable to ensure the highest standard of consultation is received. I personally communicate each policy to all of our members to ensure anyone representing Nueco Façade and Glazing Solutions are well briefed, attentive and working safely.”

Tom Gibbons

Managing Director

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