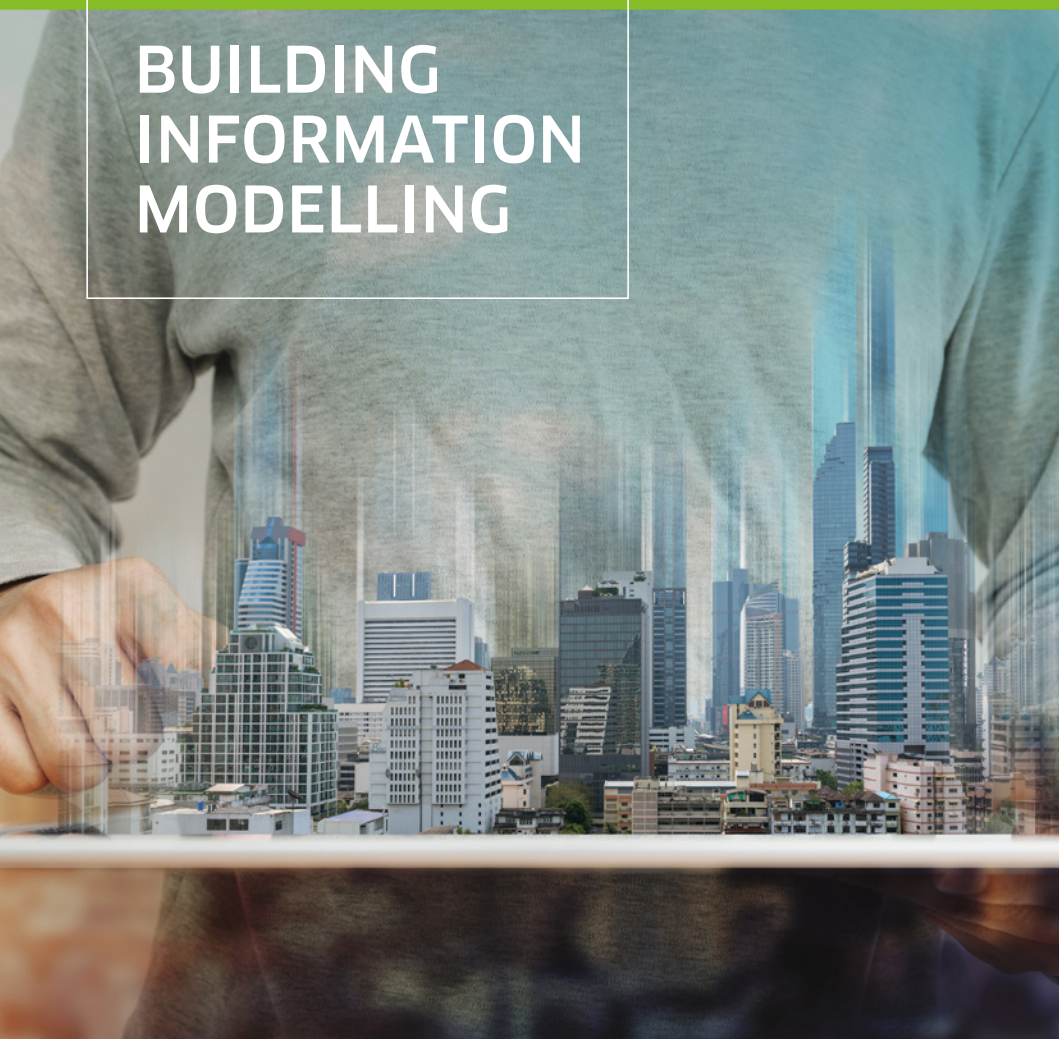


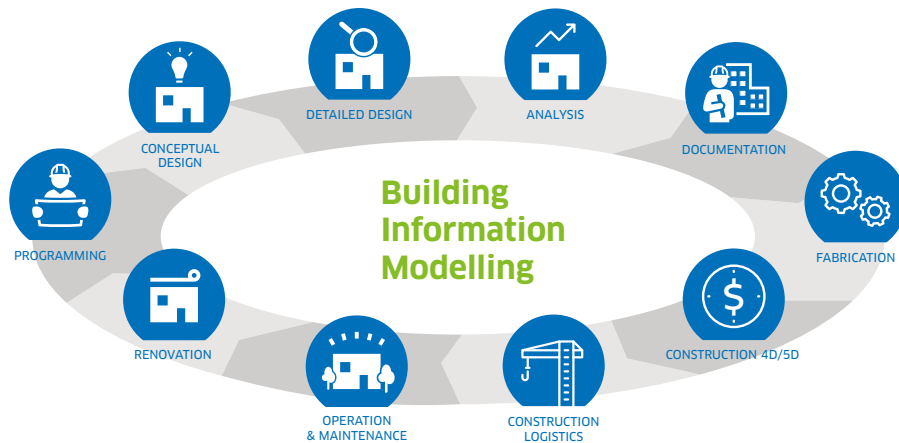
BIM

BUILDING
INFORMATION
MODELLING



WHAT IS BIM?

Building information modelling is a process of creating three dimensional intelligent constructions which provide architecture, engineering and construction professionals the information and tools to design, construct and manage buildings.



WHO USES BIM?

BIM is primarily used by architects, specifiers and engineers involved with the design and construction of buildings. The information in BIM is further utilised by facilities management for the maintenance of a building and ultimately used during the demolition.

WHY BIM?

1. HOW CAN WE BENEFIT FROM BIM?

BIM allows for Protan to provide information about its systems and products to specifiers and architects. Information and data is critical for the BIM process and so as a provider of BIM objects, we can take more control of the information that is used for roof systems and provide meaningful objects rather than generic models which lack critical information.

Governments are also increasingly pushing the use of BIM in order to increase productivity and reduce costs. Often state/government projects are now requiring the use of BIM as a mandatory requirement.

2. WHAT IS THE ROOFING CONTRACTOR'S RESPONSIBILITY?

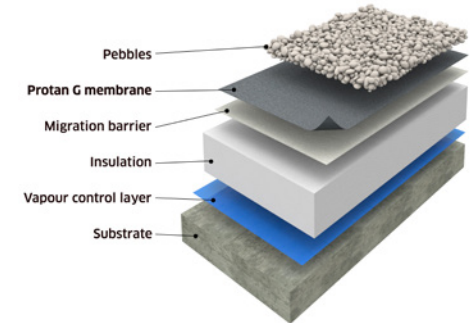
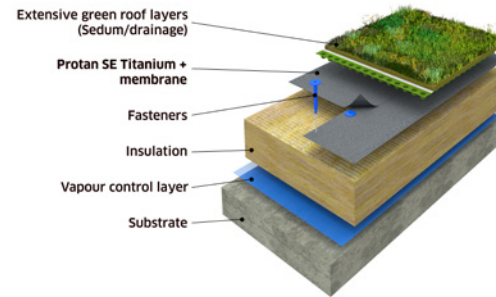
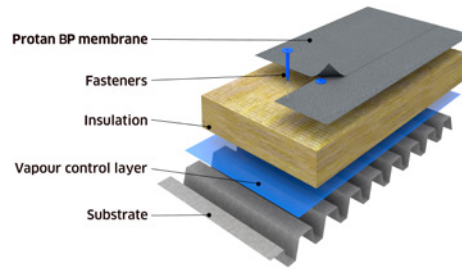
The architect/specifier has the principle responsibility for the BIM process. Protan, as a manufacturer, supplies the BIM objects and can advise architects on the best use of Protan products and systems. The roofing contractor must be able to understand BIM models and be ready to access and review the digital information.

3. WHAT IS NEXT FOR PROTAN & BIM?

BIM is relatively new to the roofing industry, so the demand for these objects is unknown. The current batch of objects should be suitable for the majority of projects, but we are aware that some new models may be needed for constructions/systems specific to particular markets/countries.

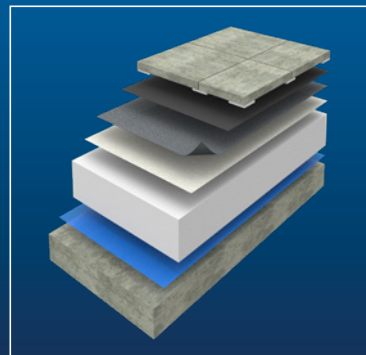
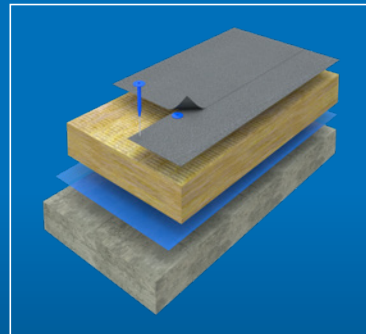
Please provide any requests, ideas or feedback to bim@protan.com.

BIMobject is the largest source of BIM content. It provides a library of products allowing visitors to browse, view and download products. Apps are also provided for BIM software platforms, such as Revit and Archicad, so that the library is available directly in the software.



Choice of system & customisation

- MEMBRANE THICKNESS
- MEMBRANE COLOUR
- INSULATION TYPE & PERFORMANCE
- VAPOUR CONTROL LAYER



Benefits of BIM

- SAVE TIME
- REDUCE COSTS
- REDUCE ERRORS
- SHARE INFORMATION
- INCREASE PRODUCTIVITY
- WIN NEW BUSINESS

For any questions or more information, please contact either Johan Kjetil Dybdahl or Paul Kenny at bim@protan.com.



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