

INTRODUCTION

With ORANGE BUTTON® by Compact Brandpreventie B.V., firestop sealing systems can be designed and engineered in BIM.

Make sure ORANGE BUTTON® works optimally with these important rules.

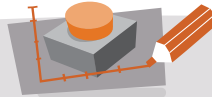


RULES



WORK WITH REVIT

ORANGE BUTTON® prefers to work with Revit (.rvt) files, but is also IFC (.ifc) compatible.



DESIGN PROCESS

Please involve us in the design process as soon as possible, so that our advice can be processed on time.



INSTALLATION OPENINGS

Don't specify installation openings in fire rated walls and floors. ORANGE BUTTON® will advise the position, the size and how these openings should be sealed.

BUILDING INFORMATION MODELS

For a complete and correct advice, we need the following models.



Structural



Architectural



Mechanical



Electrical

DETAILS

Fire rating

Specify the fire rating ("fire resistance period" or "FRP") in the Architectural and Structural models. Process this in the Walls, Floors, Roofs & Ceilings. For example: 30, 60, 90, 120

Insulation type and thickness

Specify the insulation name of the chosen product in the Mechanical model. Process this in the "Insulation Type". For example: 53_PI_rockwool_B10
Specify the insulation thickness in the "Insulation Thickness".

Fire damper type

Specify the fire damper name of the chosen product in the Mechanical model. Process this in the "Family Name" or "Type Name". For example: 65_DUA_firedamper_FK-EU

Flexible wall specification

Specify the materials of the flexible walls in the Architectural model. Process this in the "Type Name". For example: MS_22_WA_12.5-12.5-75-12.5-12.5_125

Installation dimension

Specify the installation dimension in the Mechanical and Electrical models.

Installation type

Specify the installation name in the Mechanical and Electrical models. Process this in the "Type Name". For example: 52_PI_PVC_110 or 53_PI_copper_22

CONCLUSION

If these important rules are implemented correctly, ORANGE BUTTON® provides clarity on the firestop sealing systems of your BIM project with a push of a button. For more information visit our website at www.orangebutton.co.uk

