Teknion Bene Box User guide for Revit families

2019-10-21



### **teknion** Table of Contents

Revit Content	2
How to stack components	3
How to create a Custom Package with additional components	5
How to create a Furniture Schedule	8

### Revit Content

The complete package of Revit Families provide:

- Package One
- Package Two
- Package Three
- Package Four
- Package Five
- Package Six
- Tower Two (Storage configuration NOT reconfigurable)
- Custom Layout Package (all packages + tower & additional pieces kits)

Revit families for Package One to Package Six are reconfigurable, however if additional components are needed, please open the Custom Layout Package which contains all of the Packages and the Pieces. The Tower Two pieces kit (reconfigurable) can be found inside of the Custom Layout Package.

NOTE: If you wish to customize your Teknion layout in Revit, please refer to the Bene Box Sell Sheet. It highlights information to help you plan your project correctly.

The Application Guide can be downloaded from:

https://assets.teknion.com/m/4023db04bc96cf03/original/Bene-Box-Sell -Sheet.pdf

### How to stack components

The following section will explain how to use the Offset parameter and Placement tool to stack components on top of each other.

- 1. To begin, ensure you are in 3D View.
- 2. Next Select the component that you wish to stack and click Pick New above. Ensure Face is selected for Placement. (If you wish to place the component on the ground select Work Plane.)



3. Next select the top Left corner of the component that you are stacking on top of. Note the snap point that appears.



4. Next Select the component that you just stacked and in the Properties window that appears enter -0.591" (if the component is intended to sit on the floor enter 0" instead). This step is required to stack all of the Bene components **EXCEPT the Bene Top and Long Bene Top.** 

		-
Storage-Teknion-Bene_Box_ Pieces One Bene Box with O		•
Furniture (1)	✓ 📴 Edit Type	
Constraints	*	\$
Offset Note	If this item is stacking on top of an o	
Offset	-0.591	
Work Plane	Storage-Teknion-Solid_Bene_Box-R2016	
Graphics	*	÷
Visibility/Graphics Overrides	Edit	
Visible		
Materials and Finishes	*	\$
How To Use Teknion Materials User Gui		
For Additional Finishes, please visit https://assets.teknion.com/m/44a800		
To render, please download texture im https://assets.teknion.com/web/5e81		
Identity Data	*	:
lmage		
Comments		
Mark		
Other	*	÷
Label	<none></none>	
Schedule Level	Ref. Level	



# How to create a Custom Package with additional components

#### To reconfigure a Package or Tower with additional components, follow the steps below:

1. Within the Custom Layout Package, pick a Package or Tower layout to start with. (Here we chose Package One)



- 2. Identify what additional components are needed for your custom package (for this example, we need an additional 4 Solid Bene Boxes and 4 Bene Boxes with One Opening)
- Choose the Pieces model that contains the additional components that you need. (We chose the Pieces One package since it contains 5 Solid Bene Boxes and 5 Bene Boxes with One Opening).



4. Next, delete the rest of the package and pieces that you are not using in the family. Here we only have Package One and Pieces One in the model.



5. Nextt, select the desired components then Ungroup the Package or Tower model and Pieces Package.



6. Customize your layout using the additional components from the Pieces Package. **NOTE:** Do not copy/duplicate components. Each Package/Piece contains a set amount of components.

7. Purge Unused data once finished.



8. Finally Load the customized Package or Tower into your Project.



### teknion How to create a Furniture Schedule

Now that the Bene Revit families are loaded into your project, follow the steps below to create a Furniture Schedule:

1. Right click on Schedule in the Project Browser and click on "New Schedule/Quantities".



2. In the dialog box that appears, scroll down to Furniture under Category, and select it. Then Click on OK.



3. Add Family, Type, Count, and Manufacturer from the Fields column.

Schedule Properties			×
Fields Filter Sorting/Grouping Fo	rmatting Appearance		
Available fields:		Scheduled fields (in	order):
Assembly Code Assembly Description Assembly Name Comments Cost Description Family and Type IfcGUID Image Keynote Level Manufacturer Address Manufacturer Contact Information Manufacturer Fax Manufacturer Phone Keynote	Add> < Remove Add Parameter Calculated Value	Family Type Count Manufacturer	
Edit Delete		Edit	Delete
Select available fields from:			
Furniture V		Move Up	Move Down
Include elements in links			
	c	OK Cance	Help

4. Next under Sorting/Grouping ensure the following options are set then click on OK.

Schedule Properties					×
Fields Filter Sortin	ng/Grouping Formatti	ing Appearance			
Sort by:	Family	~	Ascending		ODescending
Header	Footer:	Title, count, and	totals	$\sim$	Blank line
Then by:	Туре	~	Ascending		ODescending
Header	Footer:	Title, count, and	totals	$\sim$	Blank line
Then by:	Manufacturer	~	Ascending		ODescending
Header	Footer:			$\sim$	Blank line
Then by:	(none)	~	Ascending		
Header	Footer:			$\sim$	Blank line
Grand totals:	Title, count, and tot	als V			
1	Custom grand total ti	itle:			
	Grand total				
Itemize every inst	ance				
			ОК	Car	ncel Help

5. If done correctly, your schedule should look like the example in the image below:

<furniture schedule=""></furniture>				
Α	В	С	D	
Family	Туре	Count	Manufacturer	
Seating-Teknion-Bene_Pad-R2016	Package One Bene Box Seating Pad	6	Teknion	
Package One Bene Box Seating Pad: 6	Package one bene box Seating Pad	0	TENHIOH	
Seating-Teknion-Bene_Pad-R2016	Package Two Bene Box Seating Pad	8	Teknion	
Package Two Bene Box Seating Pad: 8	Package Two Dene Dox Seating Pad	0	Texmon	
Seating-Teknion-Bene_Pad-R2016	Tower Two Bene Box Seating Pad	6	Teknion	
Tower Two Bene Box Seating Pad: 6	To Not The Bone Box Bearing Fad		Tokinon	
Seating-Teknion-Bene_Pad-R2016: 20				
Storage-Teknion-Bene_Box_Top-R2016	Package Three Bene Box Top	3	Teknion	
Package Three Bene Box Top: 3		<u>,</u> -		
Storage-Teknion-Bene_Box_Top-R2016	Pieces Eight Bene Box Top	3	Teknion	
Pieces Eight Bene Box Top: 3				
Storage-Teknion-Bene_Box_Top-R2016	Pieces Four Bene Box Top	3	Teknion	
Pieces Four Bene Box Top: 3		· · ·		
Storage-Teknion-Bene_Box_Top-R2016	Pieces Six Bene Box Top	2	Teknion	
Pieces Six Bene Box Top: 2	· · · · · · · · · · · · · · · · · · ·	`	`	
Storage-Teknion-Bene_Box_Top-R2016: 11				
Storage-Teknion-Bene_Box_Tray-R2016	Package Four Bene Box Tray	4	Teknion	
Package Four Bene Box Tray: 4				
Storage-Teknion-Bene_Box_Tray-R2016	Package Six Bene Box Tray	5	Teknion	
Package Six Bene Box Tray: 5				
Storage-Teknion-Bene_Box_Tray-R2016	Package Three Bene Box Tray	10	Teknion	
Package Three Bene Box Tray: 10				
Storage-Teknion-Bene_Box_Tray-R2016	Package Two Bene Box Tray	24	Teknion	
Package Two Bene Box Tray: 24				
Storage-Teknion-Bene_Box_Tray-R2016	Pieces Eight Bene Box Tray	3	Teknion	
Pieces Eight Bene Box Tray: 3				
Storage-Teknion-Bene_Box_Tray-R2016	Pieces Four Bene Box Tray	4	Teknion	
Pieces Four Bene Box Tray: 4				
Storage-Teknion-Bene_Box_Tray-R2016	Pieces Six Bene Box Tray	4	Teknion	
Pieces Six Bene Box Tray: 4				
Storage-Teknion-Bene_Box_Tray-R2016	Tower Two Bene Box Tray	8	Teknion	
Tower Two Bene Box Tray: 8				

6. Now you are ready to contact you local Teknion Sales Representative. Please ensure you send them a pdf of this schedule to help them create your order.

If you have any Revit technical questions regarding the Bene Box Revit families please don't hesitate to contact Kumaran Kirupakaran (<u>kumaran.kirupakaran@teknion.com</u>) and Daven Ursua (<u>daven.ursua@teknion.com</u>).