

Design Advisory – December 2022 BIM Release
January 10, 2023

To: Carlisle SynTec Systems' Manufacturer's Representatives, Distributors, and Authorized Applicators

Subject: Carlisle SynTec Systems' Building Information Modeling (BIM)

In response to increasing interest in Building Information Modeling (BIM), Carlisle SynTec Systems is pleased to introduce its second phase of BIM Families and objects to support the design and construction industries.

The earlier release this year covered our roof membrane systems while this second phase release focuses on a variety of specialty roofing components in three separate files. The first file includes VacuSeal Vents with the ability to specify flashing for EPDM, TPO, PVC, and KEE HP membrane systems. Another file includes ChannelDry Insulation and ChannelDry Vents with the same ability to specify flashing for EPDM, TPO, PVC, and KEE HP membrane systems. The final file contains a variety of overburden products, including rubber, porcelain, and concrete pavers. Aluminum Roof Garden Edging and Drain Boxes are also included alongside traditional Roof Garden roof families, which were previously released.

Below is a summary of the included BIM family and object components per Revit file:

VacuSeal Roof System Components	
Family Types	
VacuSeal Vent Flashed with:	
EPDM Flashing	TPO Flashing
PVC Flashing	KEE HP Flashing

ChannelDry Roof System Components								
Family Types								
ChannelDry Metal Vents				ChannelDry Pre-molded Thermoplastic Vents				Channel Dry Insulation
One-Way Vent Flashed With:		Two-Way Vent Flashed With:		TPO		PVC		Can be sized as needed
EPDM	TPO	EPDM	TPO	1- Way	2- Way	1-Way	2-Way	
PVC	KEE HP	PVC	KEE HP					

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Roof Garden & Paver Components									
Family Types									
Aluminum Drain Box	Aluminum Roof Garden Edging	Easy-Bend Aluminum Roof Garden Edging	Carlisle Rubber Pavers		Hanover Architectural Pavers In Standard Colors/Size Options				
4" 8" 12"	4" 6" 8"	4" 6" 8"	Plus Series Colors	Premium Series Colors	Pedestal Pavers	Drainage Pavers	Prest Pavers	Porcelain Pavers	Guardian Pavers

Specification Supplements regarding Plaza Paver systems, VacuSeal vent secured roofing systems, and ChannelDry roof assemblies can be found at the following link: [Spec Supplement On Carlisle SynTec's Website](#).

These BIM families will be hosted on the Carlisle SynTec website starting on December 19, 2022. Please direct questions to Design Services and stay tuned for additional releases.

Sincerely,

Craig A. Tyler
Architect, Design Services