

UL Designs & Thickness — Roof Assemblies

[Click here for Floor Assemblies and Columns](#)

[UNRESTRAINED BEAM THICKNESS TABLES](#)
[RESTRAINED BEAM THICKNESS TABLES](#)

Description	UL Link	UL PDF	CAD Drawing	All	MK6GF	Z106HY	All	MK6GF	Z106HY
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Protected Roof/Ceiling

Polystyrene Board (IRMA System)	UL P714	PDF	DWG	P714 Unres All	P714 Unres MK6GF	P714 Unres Z106HY	NA	NA	NA
Polystyrene Board	UL P725	PDF	DWG	P725 Unres All	P725 Unres MK6GF	P725 Unres Z106HY	NA	NA	NA
Polyisocyanurate Board	UL P732	PDF	DWG	P732 Unres All	P732 Unres MK6GF	P732 Unres Z106HY	NA	NA	NA
Polyurethane Foamed Plastic	UL P733	PDF	DWG	P733 Unres All	P733 Unres MK6GF	P733 Unres Z106HY	NA	NA	NA
Mineral and Fiber Board	UL P740	NA	NA	P740 Unres All	P740 Unres MK6GF	P740 Unres Z106HY	NA	NA	NA

Beam Protected Roof Substitution

	Beam Supporting Fluted Decking	UL S734	PDF	DWG	S734	S734	S734	NA	NA	NA
					Unres All	Unres	Unres			
						MK6GF	Z106HY			
	Joist Only Design for Roof Assemblies	UL S728	PDF	DWG	NA	NA	NA	NA	NA	NA
<i>Non-Load Restricted</i>	Joist Only Design for Roof Assemblies	UL S749	PDF	NA	NA	NA	NA	NA	NA	NA
<i>Non-Load Restricted</i>	Beam Only Design for Roof Assemblies	UL S750	PDF	NA	S750	S750	S750	S750 Res All	S750 Res MK6GF	S750 Res Z106HY
					Unres All	Unres	Unres			
						MK6GF	Z106HY			
	Unprotected Roof/Ceiling									
	Insulating Concrete	UL P936	PDF	DWG	P936	P936	P936	NA	NA	NA
					Unres All	Unres	Unres			
						MK6GF	Z106HY			
	Beam Unprotected Roof Substitution									
	Beam Supporting Fluted Decking	UL S735	PDF	DWG	S735	S735	S735	NA	NA	NA
					Unres All	Unres	Unres			
						MK6GF	Z106HY			
	Tube & Pipe Columns									
<i>Non-Load Restricted</i>	Square	UL Y710	PDF	DWG	Y710 All	Y710	Y710	NA	NA	NA
						MK6GF	Z106HY			

<i>Non-Load</i>	Rectangle	UL Y710	PDF	DWG	Y710 All	Y710	Y710	NA	NA	NA
<i>Restricted</i>						MK6GF	Z106HY			
<i>Non-Load</i>	Round	UL Y710	PDF	DWG	Y710 All	Y710	Y710	NA	NA	NA
<i>Restricted</i>						MK6GF	Z106HY			
<i>Non-Load</i>	Square -	UL X795	PDF	DWG	X795 All	NA	NA	NA	NA	NA
<i>Restricted</i>	High Durability Only									
<i>Non-Load</i>	Rectangle -	UL X795	PDF	DWG	X795 All	NA	NA	NA	NA	NA
<i>Restricted</i>	High Durability Only									
<i>Non-Load</i>	Round -	UL X795	PDF	DWG	X795 All	NA	NA	NA	NA	NA
<i>Restricted</i>	High Durability Only									

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