

UL Designs & Thickness — Floor Assemblies

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Description	UL Link	UL PDF	CAD Drawing	UNRESTRAINED BEAM THICKNESS TABLES			RESTRAINED BEAM THICKNESS TABLES			
				All	MK6GF	Z106HY	All	MK6GF	Z106HY	
Protected Floor/Ceiling										
2 1/2" NWC/L WC, Fluted/ Cellular	UL D739	PDF	DWG	D739 Unres All	D739 Unres MK6GF	D739 Unres Z106HY	NA	NA	NA	
2" NWC/L WC, Fluted/ Cellular	UL D743	NA	DWG	D743 Unres All	D743 Unres MK6GF	D743 Unres Z106HY	NA	NA	NA	
2 1/2" NWC/L WC, Fluted	UL D779	PDF	DWG	D779 Unres All	D779 Unres MK6GF	D779 Unres Z106HY	NA	NA	NA	
Corrugated Deck	UL D780	PDF	DWG	D780 Unres All	D780 Unres MK6GF	D780 Unres Z106HY	NA	NA	NA	
3 1/4" LWC, Fluted	UL D782	PDF	DWG	D782 Unres All	D782 Unres MK6GF	D782 Unres Z106HY	NA	NA	NA	

<i>Non-Load Restricted</i>	2-1/2"	UL D798	PDF	NA	D798	D798	D798	D798 Res	D798 Res	D798 Res
	NWC, Fluted				Unres NWC All	Unres NWC MK6GF	Unres LWC Z106HY	NWC All	NWC MK6GF	NWC Z106H
<i>Non-Load Restricted</i>	2-1/2"	UL D798	PDF	NA	D798	D798	D798	D798 Res	D798 Res	D798 Res
	LWC, Fluted				Unres LWC All	Unres LWC MK6GF	Unres LWC Z106HY	LWC All	LWC MK6GF	LWC Z106H
Beam Protected Floor Substitution										
Beam Supporting Cellular Deck NWC	UL N706	PDF	DWG	N706	N706	N706	N706 Res	N706 Res	N706 Res	
				Unres NWC All	Unres NWC MK6GF	Unres NWC Z106HY	NWC All	NWC All	NWC All	
Beam Supporting Cellular Deck LWC	UL N706	PDF	DWG	N706	N706	N706	N706 Res	N706 Res	N706 Res	
				Unres NWC All	Unres NWC MK6GF	Unres NWC Z106HY	NWC All	NWC All	NWC All	
Beam Supporting Fluted Deck	UL N779	PDF	DWG	N779	N779	N779	N779 Res	N779 Res	N779 Res	
				Unres All	Unres MK6GF	Unres Z106HY	All	MK6GF	Z106HY	
Joist Substitution	UL N777	PDF	DWG	NA	NA	NA	NA	NA	NA	
Unprotected Floor/Ceiling										
Cellular	UL D925	PDF	DWG	D925	D925	D925	NA	NA	NA	
				Unres All	Unres MK6GF	Unres Z106HY				
NWC Fluted	UL D925	PDF	DWG	D925	D925	D925	D925 Res	D925 Res	D925 Res	
				Unres NWC All	Unres NWC MK6GF	Unres NWC Z106HY	NWC All	NWC MK6GF	NWC Z106HY	

	LWC Fluted	UL D925	PDF	DWG	D925 Unres LWC All	D925 Unres LWC MK6GF	D925 Res LWC All	D925 Res LWC All	D925 Res LWC MK6GF	D925 Res LWC Z106HY
<i>Non-Load Restricted</i>	2-1/2" NWC, Fluted	UL D985	PDF	NA	D985 Unres NWC All	D985 Unres NWC MK6GF	D985 Res NWC All	D985 Res NWC All	D985 Res NWC MK6GF	D985 Res NWC Z106HY
<i>Non-Load Restricted</i>	2-1/2" LWC, Fluted	UL D985	PDF	NA	D985 Unres LWC All	D985 Unres LWC MK6GF	D985 Res LWC All	D985 Res LWC All	D985 Res LWC MK6GF	D985 Res LWC Z106HY All
<i>Non-Load Restricted</i>	4-1/2" NWC 2HR only, Fluted	UL D985	PDF	NA	D985 Unres 4- 1/2 NWC All	D985 Unres 4- 1/2 NWC MK6G	D985 Unres 4- 1/2 NWC Z106H	D985 Res 4-1/2 NWC All	D985 Res 4-1/2 NWC MK6GF	D985 Res 4-1/2 NWC Z106HY
Unprotected Future Floor/Ceiling										
	NWC, Fluted/Cel lular	UL D925	PDF	DWG	D925 Unres NWC All	D925 Unres NWC MK6GF	D925 Unres NWC Z106HY	NA	NA	NA
	LWC, Fluted/Cel lular	UL D925	PDF	DWG	D925 Unres LWC All	D925 Unres LWC MK6GF	D925 Unres LWC Z106HY	NA	NA	NA
Beam/Unprotected Floor Substitution										
	Cellular	UL N708	PDF	DWG	N708 Unres All	N708 Unres MK6GF	N708 Unres Z106HY	N708 Res All	N708 Res MK6GF	N708 Res Z106HY
<i>Non-Load Restricted</i>	NWC, Fluted	UL N852	PDF	NA	N852 Unres NWC All	N852 Unres NWC MK6GF	N852 Unres NWC Z106HY	N852 Res NWC All	N852 Res NWC MK6GF	N852 Res NWC Z106HY

<i>Non-Load Restricted</i>	LWC, Fluted	UL N852	PDF	NA	N852 Unres LWC All	N852 Unres LWC MK6GF	N852 Unres Z106HY	N852 Res LWC All	N852 Res LWC MK6GF	N852 Res Z106HY
	NWC, Fluted	UL N782	PDF	DWG	N782 Unres NWC All	N782 Unres NWC MK6GF	N782 Unres NWC Z106HY	N782 Res NWC All	N782 Res NWC MK6GF	N782 Res NWC Z106HY
	LWC, Fluted	UL N782	PDF	DWG	N782 Unres LWC All	N782 Unres LWC MK6GF	N782 Unres LWC Z106HY	N782 Res LWC All	N782 Res LWC MK6GF	N782 Res LWC Z106HY
	Castellated Beam	UL N784	PDF	NA	NA	NA	NA	NA	NA	NA
	Joist Substitution	UL N777	PDF	DWG	NA	NA	NA	NA	NA	NA
<i>Non-Load Restricted</i>	Joist Substitution	UL N854	PDF	NA	NA	NA	NA	NA	NA	NA
Concrete Decks										
	Concrete Slab with Concrete Beam Support	UL J701	PDF	NA	NA	NA	NA	NA	NA	NA
	NWC Slab with Beam Support	UL J709	PDF	DWG	NA	NA	NA	NA	NA	NA
	NWC Slab with Beam Support	UL J712	PDF	DWG	J712 Unres NWC All	J712 Unres NWC MK6GF	J712 Unres NWC Z106HY	NA	NA	NA

Concrete	UL J957	PDF	DWG	J957	J957	J957	NA	NA	NA
Hollow				Unres All	Unres	Unres			
Core Slab					MK6GF	Z106HY			
with									
Beam									
Support									

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