

UL Designs & Thickness — Floor Assemblies

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

UNRESTRAINED BEAM THICKNESS TABLES										
RESTRAINED BEAM THICKNESS TABLES										
Protection	Description	UL Link	UL PDF	CAD Drawing	All	MK6GF	Z106HY	All	MK6GF	Z106HY
Protected Floor/Ceiling	2 1/2" NWC/LWC, Fluted/Cellular	UL D739	PDF	DWG	D739 Unres All	D739 Unres MK6GF	D739 Unres Z106HY	NA	NA	NA
	2" NWC/LWC, Fluted/Cellular	UL D743	NA	DWG	D743 Unres All	D743 Unres MK6GF	D743 Unres Z106HY	NA	NA	NA
	2 1/2" NWC/LWC, 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</i>	2-1/2"	UL D798	PDF	NA	D798	D798	D798	D798 Res	D798 Res	D798 Res
	<i>Restricted</i> NWC, Fluted				Unres NWC All	Unres NWC MK6GF	Unres LWC Z106HY	NWC All	NWC MK6GF	NWC Z106H
<i>Non-Load</i>	2-1/2"	UL D798	PDF	NA	D798	D798	D798	D798 Res	D798 Res	D798 Res
	<i>Restricted</i> 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 Unres NWC All	N706 Unres NWC MK6GF	N706 Unres NWC Z106HY	N706 Res NWC All	N706 Res NWC All	N706 Res NWC All
	Beam Supporting Cellular Deck LWC	UL N706	PDF	DWG	N706 Unres NWC All	N706 Unres NWC MK6GF	N706 Unres NWC Z106HY	N706 Res NWC All	N706 Res NWC All	N706 Res NWC All
	Beam Supporting Fluted Deck	UL N779	PDF	DWG	N779 Unres All	N779 Unres MK6GF	N779 Unres Z106HY	N779 Res All	N779 Res MK6GF	N779 Res Z106HY
	Joist Substitution	UL N777	PDF	DWG	NA	NA	NA	NA	NA	NA
Unprotected Floor/Ceiling										
	Cellular	UL D925	PDF	DWG	D925 Unres All	D925 Unres MK6GF	D925 Unres Z106HY	NA	NA	NA
	NWC Fluted	UL D925	PDF	DWG	D925 Unres NWC All	D925 Unres NWC MK6GF	D925 Unres NWC Z106HY	D925 Res NWC All	D925 Res NWC MK6GF	D925 Res 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</i>	2-1/2"	UL D985	PDF	NA	D985	D985	D985 Res	D985 Res	D985 Res	D985 Res
<i>Restricted</i>	NWC, Fluted				Unres NWC All	Unres NWC MK6GF	NWC All	NWC All	NWC MK6GF	NWC Z106HY
<i>Non-Load</i>	2-1/2"	UL D985	PDF	NA	D985	D985	D985 Res	D985 Res	D985 Res	D985 Res
<i>Restricted</i>	LWC, Fluted				Unres LWC All	Unres LWC MK6GF	LWC All	LWC All	LWC MK6GF	LWC Z106HY All
<i>Non-Load</i>	4-1/2"	UL D985	PDF	NA	D985	D985	D985	D985 Res	D985 Res	D985 Res
<i>Restricted</i>	NWC 2HR only, Fluted				Unres 4- 1/2 NWC All	Unres 4- 1/2 NWC MK6G	Unres 4- 1/2 NWC Z106H	4-1/2 NWC All	4-1/2 NWC MK6GF	4-1/2 NWC Z106HY
Unprotected Future Floor/Ceiling										
	NWC, Fluted/Cellular	UL D925	PDF	DWG	D925 Unres NWC All	D925 Unres NWC MK6GF	D925 Unres NWC Z106HY	NA	NA	NA
	LWC, Fluted/Cellular	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</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>Restricted</i>										
<i>Non-Load</i>	LWC, Fluted	UL N852	PDF	NA	N852 Unres LWC All	N852 Unres LWC MK6GF	N852 Unres Z106HY All	N852 Res LWC All	N852 Res LWC MK6GF	N852 Res Z106HY All
<i>Restricted</i>										
	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 Hollow Core Slab with Beam Support	UL J957	PDF	DWG	J957 Unres All	J957 Unres MK6GF	J957 Unres Z106HY	NA	NA	NA

ca.gcpat.com | North America customer service: 1-877-4AD-MIX (1-877-423-6491)

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation or suggestion is intended for any use that would infringe any patent, copyright or other third-party right.

Monokote and Spatterkote are trademarks, which may be registered in the United States and/or other countries, of GCP Applied Technologies, Inc. This trademark list has been compiled using available published information as of the publication date and may not accurately reflect current trademark ownership or status.

© Copyright 2017 GCP Applied Technologies, Inc. All rights reserved.

GCP Applied Technologies Inc., 62 Whittemore Avenue, Cambridge, MA 02140, USA

GCP Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Suite 450, Alpharetta, GA 30009, USA

GCP Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6.

This document is only current as of the last updated date stated below and is valid only for use in the Canada. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on www.gcpat.com. Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.

Last Updated: 2022-04-27

ca.gcpat.com/solutions/products/monokote-fireproofing/ul-designs-thickness-floor-assemblies