



EliteFORM MDO MEL

Elite MDO MEL is a standard high-resin melamine concrete form MDO designed to provide a Non-Architectural Matte Finish with moderate grain transfer and increased resistance to alkalis in concrete mixes. This product is manufactured as an economical panel for use in jobs that require 4-10 re-uses and a smoother finish than EliteForm MDO. Elite MDO MEL is best utilized in job-built forms and cut-up applications.

Panel Features

Face Veneer:	B grade Group 1 veneer
Back Veneer:	C and or D grade Group 1 veneer
Inner Plies:	C and or D grade Group 1 veneer
Resin:	Phenolic exterior glue
Dimension:	48" X 96"
Thickness:	3/8" thru 1 1/8"
Edge Seal:	Nox-Crete Edge Flex 645
Release Agent:	Nox-Crete Form Coating
Stamp:	APA Custom Overlay Trademark
Strength Class:	Struc 1



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Handling & Storage

During handling, care should be exercised to prevent panel chipping, denting and corner damage. Panels should never be dropped. After each use, panels should be cleaned of any concrete residue using a hardwood wedge and stiff wire brush. Holes should be repaired and re-edge sealed. Forms should be stacked face to face and stored flat in a protected area prior to next use. Panels should be stored out of the direct sunlight to minimize surface checking and panel dry out.

Panel Performance

- Non-Architectural Matte Finish
- Increased alkaline resistance
- Moderate grain transfer
- Higher re-use performance
- Lower cost per pour
- Abrasion and wear resistant

Release Agent

For best performance, we recommend that these panels are coated with a chemically reactive Nox-Crete form release agent. Should be applied before the initial use and each subsequent reuse thereafter to the surface of each panel at the recommended rate per SQ. FT as soon as the panels are stripped and cleaned.

Overlay Features

EliteFORM MDO MEL is overlaid with a 46% resin-content, medium-density overlay.

Base paper weight:	46# MSF GSM - 215
Core resin weight:	25# MSF GSM - 123
Glue line weight:	13# MSF GSM - 65
TOTAL:	84# MSF GSM - 403

Span Tables

Support Spacing	Face Grain Across Supports						Face Grain Parallel to Supports					
	3/4		17.5mm / 11/16		5/8		3/4		17.5mm / 11/16		5/8	
	L/360	L/270	L/360	L/270	L/360	L/270	L/360	L/270	L/360	L/270	L/360	L/270
4"	5140	5140	4778	4778	4334	4334	4270	4270	3877	3877	3516	3516
8"	1975	1975	1838	1838	1647	1647	1505	1735	1359	1359	1118	1118
12"	1070	1070	890	890	732	732	580	670	497	604	388	497
16"	550	600	427	501	335	412	250	335	213	283	163	218
19.2"	335	420	256	342	198	264	180	210	151	189	116	154
24"	175	235	134	179	103	137	90	125	-	103	-	-

