

MATERIAL SELECTION GUIDE

Product Description	Application Time at 75°F ±5°	Assembly Time at 75°F ±5°	Drill Time	Cure Time	Viscosity (Base & Catalyst) at 75°F	Forms* Available	Shelf Life and Storage <small>*See Below</small>
DMS-4-828™	1 Hrs.	2 Hrs.	4-5 Hrs. at 75°F ±5°	8-9 Hrs. at 75°F ±5°	550 poise	1, 2, 3	1 Year at Room Temp.
DMS-4-828B™	2 Hrs.	4 Hrs.	9-10 Hrs. at 75°F ±5° or 7 Hrs. at 100°F ±5°	36 Hrs. at 75°F ±5° or 2-3 Hrs. at 120°F ±5°	550 poise	1, 2, 3	1 Year at Room Temp.
MS-26	5-6 Hrs.	7-8 Hrs.	80 Hrs. at 75°F ±5° or 20 Hrs. at 100°F ±5°	100 Hrs. at 75°F ±5° or 2 Hrs. at 180°F ±5°	2,200 poise	1, 2, 3	1 Year at Room Temp.
MS-26A	40 Mins.	2 Hrs.	7 Hrs. at 75°F ±5° or 5 Hrs. at 100°F ±5°	9 Hrs. at 75°F ±5°	2,200 poise	1	1 Year at Room Temp.
MS-26B	1.5 Hrs.	4 Hrs.	20 Hrs. at 75°F ±5° or 9 Hrs. at 100°F ±5°	65 Hrs. at 75°F ±5° or 1 Hr. at 180°F	2,200 poise	1, 2, 3	1 Year at Room Temp.

DEFINITIONS

APPLICATION TIME: The length of time after mixing or thawing that a moldable shim material remains suitable for application to structure to the desired configuration.

ASSEMBLY TIME: The length of time after mixing or thawing that a moldable shim material remains fluid enough to flow out of faying surfaces during assembly and installation of fasteners to allow surfaces to come together to the desired configurations.

DRILL TIME: The length of time after mixing or thawing that it takes material to reach a state of cure (shore D hardness of 55) where fastener holes can be drilled through it and assemblies containing the material can be disassembled without damage to the material.

CURE TIME: The length of time after mixing or thawing that it takes a moldable shim material to reach a state of cure where structures may be assembled and fasteners torqued to final torque values. At this state of cure the material will have a minimum shore D hardness of 88.

***FORMS AVAILABLE:** 1) Two Part System - 50g. Field Kits, 100g. Field Kits, Pints, Quarts, Gallons and SEMKITS.

2) Precatalized/Frozen Sheets and Strips - Thickness from .100" to .010". Specified by customer.

Shelf life 3 mo. 0°F/ 6mo -20°F

3) Precatalized/Frozen Cartridge (200g.) - Shelf life 3 mo. 0°F/ 6mo -20°F

The information contained within was obtained from authoritative sources and believed to be accurate for the manner in which the product is intended to be used. Properties listed are typical values and are not intended for use in preparing specifications. Actual values may vary. No express warranties are intended by any representation and there are no warranties which extend beyond the description on the face hereof.

SPECIFICATIONS COVERING DYNAMOLD MOLDABLE SHIM MATERIALS

MS-26, MS-26A	DMS-4-828, DMS-4-828B Moldable Shim	
MIL S 83474 NSN 8040-01-392-4964	AMS 3726/1/2/3 FEDERAL SPECIFICATION MMM-A-1754 NSN 8030-01-300-0796 NSN 8030-01-300-0797 NSN 8030-01-298-3619	NSN 8040-00-944-7292 NSN 8040-00-738-6429 NSN 8040-00-088-7186 MIL S 83474

LISTING OF OEM SPECIFICATIONS AVAILABLE UPON REQUEST



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