

MIL-I-22023D
AMENDMENT 1
21 February 1984

MILITARY SPECIFICATION

INSULATION FELT, THERMAL AND SOUND ABSORBING
FELT, FIBROUS GLASS, FLEXIBLE

This amendment forms a part of Military Specification MIL-I-22023, dated 18 August 1982, and is approved for use by all Departments and Agencies of the Department of Defense.

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2.1, under "SPECIFICATIONS MILITARY": Delete "MIL-E-17970" in its entirety and substitute the following:

"DOD-E-24607 - Enamel, Interior, Nonflaming (Dry), Chlorinated Alkyd Resin, Semigloss (Metric)."

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3.2, line 3, after "board" add "conforming to type II of MIL-I-742,".

3.3.1.1: Delete and substitute:

"3.3.1.1 Length (types I, II and III). Material may be furnished in boards or continuous rolls as specified in 6.2.1."

3.3.1.1.1, title: Delete "Continuous." and substitute "Rolls."

3.3.1.1.1, line 1: Add "continuous" after "in".

TABLE 1A: Add the following paragraph below the table:

"In cases where continuous rolls are not required, rolls may be comprised of more than one piece, but no one piece shall be shorter than 3 meters (10 feet), when splices are allowed as specified in 6.2.1."

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3.3.1.1.2: Delete and substitute:

"3.3.1.1.2 Boards. Boards shall have minimum lengths as specified in table IB.

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Types	Dimension	
	Millimeters	Inches
I, II and III	910	36
	1220	48

3.3.1.2: Delete and substitute:

"3.3.1.2 Width. The width shall be in accordance with table II (see 3.3.1.4, 4.5.4.2, and 6.2.1).

TABLE II. Width.

Types	Dimension	
	Millimeters	Inches
I and II	610	24
	762	30
	910	36
	1220	48
	1830	72
III	610	24

3.3.1.3: Delete and substitute:

"3.3.1.3 Thickness. The felt shall be furnished in accordance with table III (see 3.3.1.4, 4.5.4.3 and 6.2.1).

MIL-I-22023D
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Types	Dimension	
	Millimeters	Inches
I and II	13	0.5
	25	1.0
	38	1.5
	51	2.0
	64	2.5
	76	3.0
	89	3.5
	102	4.0
	127	5.0
	152	6.0
III	19	0.75
	25	1.0
	38	1.5
	51	2.0

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3.3.1.4: Delete and substitute:

"3.3.1.4 Tolerances for width shall not exceed plus or minus 6 mm (1/4-inch) from values in table II and for thickness shall not exceed a minus 3 mm (1/8 inch) from the values in table III. An excess in the plus direction is permitted for thickness."

3.3.1.6: Delete and substitute:

"3.3.1.6 Paintability. The faced board, as furnished, shall be compatible with and shall hold one coat of paint in accordance with DOD-E-24607 after one coat of water base latex emulsion flat primer (Ocean Chemicals, Inc. No. 634, or equal) has been applied to the type III facing (see 4.5.5)."

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3.7: Delete and substitute:

"3.7 Fire resistance. Type I and II materials shall have a flame spread rate 25 or less and smoke development of 50 or less when tested as specified in 4.5.12. Type III materials shall be tested in accordance with the method in appendix A. Flashover time shall be greater than 10 minutes."

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4.5.5, line 3: Delete "MIL-E-17970" and substitute "DOD-E-24607".

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6.1.2.1, last line: Delete "MIL-E-17970" and substitute "DOD-E-24607".

6.2.1, add as item (1):

"(1) Whether rolls or boards are required."

Custodians:

Army - ME

Navy - SH

Air Force - 99

Preparing activity:

Navy - SH

(Project 5640-0380)

Review activity:

Army - MI