

Product Specification in CSI 3-Part Format
for Specifying



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Duraflake® and Duraflake® Plus Particleboard by Flakeboard

In Division 06, 10, & 12 Sections including
Architectural Woodwork, Casework, Wall
Paneling, Compartments & Cubicles,
Partitions, Storage Specialties, Lockers,
Postal Specialties, Wardrobe & Closet
Specialties, Manufactured Casework,
Countertops, & Institutional Furniture.

Website: www.flakeboard.com

GENERAL NOTES TO SPECIFIER:

THE FOLLOWING PRODUCT SPECIFICATION LANGUAGE IS INTENDED TO ASSIST DESIGN PROFESSIONALS IN SPECIFYING PARTICLEBOARD IN EXISTING 3-PART SPECIFICATIONS FOR PANELING, CASEWORK, COUNTERTOPS, AND SIMILAR ARCHITECTURAL WOODWORK.

SAMPLE LANGUAGE IS PROVIDED FOR APPLICABLE ARTICLES IN PART 1-GENERAL AND PART 2-PRODUCTS AND PART 3-EXECUTION FOLLOWING THE CONSTRUCTION SPECIFICATION INSTITUTE'S *SECTIONFORMAT*. BECAUSE OF THE VARIATION IN SPECIFICATION SYSTEMS IN USE, ARTICLE AND PARAGRAPH NUMBERS AND TITLES MAY DIFFER FROM THOSE PRESENTED HEREIN. THE SAMPLE LANGUAGE SHOULD BE EDITED ACCORDINGLY TO FIT EACH FIRM'S SPECIFICATIONS.

ARTICLES AND PARAGRAPHS OF THIS PRODUCT SPECIFICATION ASSUME THE PROJECT MANUAL WILL CONTAIN COMPLETE DIVISION 1 DOCUMENTS INCLUDING 01 25 13-PRODUCT SUBSTITUTION PROCEDURES, SECTIONS 01 33 00-SUBMITTAL PROCEDURES, 01 62 00-PRODUCT OPTIONS, 01 66 00-PRODUCT STORAGE AND HANDLING REQUIREMENTS, 01 74 00-CLEANING AND WASTE MANAGEMENT, 01 77 00-CLOSEOUT PROCEDURES, AND 01 78 00-CLOSEOUT SUBMITTALS. CLOSE COORDINATION WITH DIVISION 1 SECTIONS IS REQUIRED. IF THE PROJECT MANUAL DOES NOT CONTAIN THESE SECTIONS, ADDITIONAL INFORMATION MAY BE INCLUDED UNDER THE APPROPRIATE ARTICLES.

NOTES TO THE SPECIFIER ARE IN ALL UPPER CASE TEXT AND ARE CONTAINED BOXES.

OPTIONAL ITEMS REQUIRING SELECTION BY THE SPECIFIER ARE ENCLOSED WITHIN BRACKETS, E.G. [35] [40] [45]. MAKE APPROPRIATE SELECTIONS AND DELETE OTHERS.

BOLD FACE TYPE IDENTIFIES OPTIONAL PARAGRAPHS THAT MAY BE INCLUDED OR DELETED DEPENDING ON PROJECT REQUIREMENTS. CONVERT THE BOLD FACE TYPE TO REGULAR TYPE WHEN INCLUDING THESE PARAGRAPHS.

GREY HIGHLIGHTED GREEN TEXT AND NOTES RELATE TO LEED® PROJECTS AND CAN BE DELETED IF THE PROJECT IS NOT INTENDED TO ATTAIN LEED CERTIFICATION.

PART 1 - GENERAL

1.01 REFERENCES

- A. Abbreviations and Acronyms:
1. ANSI: American National Standards Institute.
 2. CPA: Composite Panel Association.
 3. EPPS: Environmentally Preferable Product Specification.

4. HUD: US Department of Housing and Urban Development.
5. LEED®: Leadership in Energy and Environmental Design
6. USGBC: US Green Building Council

B. Reference Standards:

1. [ANSI A208.1](#) American National Standard for Particleboard.
2. [CPA 2-06](#) Environmentally Preferable Product Specification.
3. [HUD 24 CFR Part 3280.308](#)
4. USGBC [LEED Green Building Rating System™](#).

1.02 SUBMITTALS

A. Reference Section 01 33 00–Submittal Procedures; submit following items:

1. Product Data: Particleboard.
2. Material Safety Data Sheet Particleboard.
3. **Samples: Particleboard: 12 by 12 inches (300 by 300 mm).**

FOR LEED PROJECTS INCLUDE THE FOLLOWING, AS APPLICABLE, IN THE LEED SUBMITTALS PARAGRAPH.

4. LEED Submittals:

- a. Credit MR 4.1, 4.2 - Recycled Content: Particleboard manufacturer's product data indicating percent of pre-consumer and post-consumer recycled content.
- b. Credit MR 5.1, 5.2 - Regional Materials: Particleboard manufacturer's product data, indicating harvest source location and location of manufacture.

PART 2 - PRODUCTS

2.01 MATERIALS

SELECT PARAGRAPH A. (DURAFLAKE) AND/OR B. (DURAFLAKE PLUS) BELOW DEPENDENT ON THE GRADE(S) OF PARTICLEBOARD DESIRED.

A. Particleboard: Duraflake® Particleboard manufactured by Flakeboard.

1. Comply with ANSI A208.1, Grade M-S.
2. Certification: Meet CPA 2-06 EPPS including the following:
 - a. Formaldehyde Emission Requirements: ANSI A208.1, Table A and HUD 24 CFR Part 3280.308.
 - b. Recycled Content: 100 percent pre-consumer recycled/recovered wood content.
3. WARNING: Particleboard is manufactured with urea-formaldehyde resin and may release formaldehyde in low concentrations. Formaldehyde can cause temporary eye and respiratory irritation and may aggravate respiratory conditions or allergies. Proper ventilation will reduce the risk of such problems.

B. Particleboard: Duraflake® Plus Particleboard manufactured by Flakeboard.

1. Comply with ANSI A208.1, [3/8 to 1-3/16 inch thick Grade M-3] [1-5/8 to 1-3/4 inch thick Grade M-2].
2. Certification: Meet CPA 2-06 EPPS including the following:
 - a. Formaldehyde Emission Requirements: ANSI A208.1, Table A and HUD 24 CFR Part 3280.308.
 - b. Recycled Content: 100 percent pre-consumer recycled/recovered wood content.
3. WARNING: Particleboard is manufactured with urea-formaldehyde resin and may release formaldehyde in low concentrations. Formaldehyde can cause temporary eye

and respiratory irritation and may aggravate respiratory conditions or allergies. Proper ventilation will reduce the risk of such problems.

END OF PRODUCT SPECIFICATION¹

¹ This specification was prepared specifically for Flakeboard by ASC Specification Consultants. Comments or suggestions for improvement should be addressed to: Flakeboard, P.O. Box 869, Loomis, CA 95650; 916-663-0619; bill.andersen@flakeboard.com