SECTION 2612
PLASTIC COMPOSITES

[BS] 2612.1 General.

Plastic composites shall consist of either wood/plastic composites or plastic lumber. Plastic composites shall comply with the provisions of this code and with the additional requirements of Section 2612.

[BS] 2612.2 Labeling.

Plastic composite deck boards and *stair* treads, or their packaging, shall bear a *label* that indicates compliance with ASTM D7032 and includes the allowable load and maximum allowable span determined in accordance with ASTM D7032. Plastic composite *handrails* and *guards*, or their packaging, shall bear a label that indicates compliance with ASTM D7032 and includes the maximum allowable span determined in accordance with ASTM D7032.

2612.3 Flame spread index.

Plastic composite deck boards, *stair* treads, *handrails* and *guards* shall exhibit a *flame spread index* not exceeding 200 when tested in accordance with ASTM E84 or UL 723 with the test specimen remaining in place during the test.

Exception: Materials determined to be noncombustible in accordance with Section 703.3.

[BS] 2612.4 Termite and decay resistance.

Where required by Section 2304.12, plastic composite deck boards, *stair* treads, *handrails* and *guards* containing wood, cellulosic or any other biodegradable materials shall be termite and *decay resistant* as determined in accordance with ASTM D7032.

[BS] 2612.5 Construction requirements.

Plastic composites meeting the requirements of Section 2612 shall be permitted to be used as exterior deck boards, *stair* treads, *handrails* and *guards* where combustible construction is permitted.

[BS] 2612.5.1 Span rating.

Plastic composites used as exterior deck boards shall have a span rating determined in accordance with ASTM D7032.

[BS] 2612.6 Plastic composite deck boards, stair treads, handrails and guards.

Plastic composite deck boards, *stair* treads, *handrails* and *guards* shall be installed in accordance with this code and the manufacturer's instructions.