

**ASTM D 6684-04**

Designation: D 6684 – 04

**Standard Specification for  
Materials and Manufacture of Articulating Concrete Block**

Physical characteristics of the P-ACB/M shall be according to Table 1, shown below.

**TABLE 1 Physical Requirements**

Minimum Compressive Strength, lbs/in <sup>2</sup>		Maximum Water Absorption, lbs/ft <sup>3</sup>		Minimum Density (in air), lb/ft <sup>3</sup>	
Average of 3 Units	Individual Unit	Average of 3 units	Individual Unit	Average of 3 Units	Individual Unit
4,000	3,500	9.1	11.7	130	125

In addition to Table 1, when freeze-thaw durability testing is required, such testing shall be performed in accordance with Test Method, C666 or C1262, at the direction of the Owner.

**ADA COMPLIANCE**

ADA Design Guidelines require that surfaces be firm, stable, and slip resistant. Gaps between P-ACB/M blocks should not exceed 1/2". If 1/2" gap is exceeded this gap shall be filled and screened in with #8 or #9 stone.

**CURVE NUMBER &  
RUNOFF COEFFICIENTS**

Natural Resource Conservation Service (NRCS) and Rational Method runoff coefficients ('C' value) used depend on the soil infiltration rate, base on storage and design storm event.

Land Cover	Infiltration Rates (in./Hr)	Curve Number CN	Runoff Coefficient, C
P-ACB/M	Up to 25 in/hr.	45 - 80	0.00 – 0.30