

## **PRODUCT PERFORMANCE AND TECHNICAL DATA**

### **FLEXIBILITY:**

Will not crack or break when bent. Meets the current requirements of ASTM F-1303-95.

### **RESIDUAL INDENTATION:**

Meets the current requirements of ASTM F-1303-95.

### **SLIP RESISTANCE:**

Altro safety flooring meets the current slip resistance Static Coefficient of Friction Guidelines of the Americans with Disabilities Act and the Occupational Safety and Health Administration. Tests based on ASTM Test Method D-2047 - Static Coefficient of Friction of Floor Surface -- James Slip Test Machine Procedure. Shoe material -- Official Test Leather.

### **NOTE TO SPECIFIER: SELECT THE APPROPRIATE ALTRO SAFETY FLOORING PRODUCT(S):**

ALTRO ATLAS 40	> .8
ALTRO STRONGHOLD 35	> .9
ALTRO DESIGNER 25	> .8
ALTRO IMPRESSIONIST 25	> .8
ALTRO IMPRESSIONIST 20	> .6
ALTRO WALKWAY 20/SD	> .8
ALTRO MARINE 20	> .6

### **COLOR CHOICE:**

The color of Altro safety flooring should be chosen with expected traffic conditions in mind. If in doubt, please contact Altro Floors.

### **RESISTANCE TO WEAR:**

Abrasive Wear Index in excess of 400 in accordance with ASTM C-501. Relative resistance to wear of unglazed ceramic tile by the tabor abrading machine: Abrasive Wear Index of 35 or greater. Wear characteristics of Altro safety flooring are comparable with industrial floors such as epoxy and quarry tiles.

### **FIRE RESISTANCE:**

USA - Class 1 Fire Rating in Conformance with NFPA 101 "Life Safety Code" ASTM E-648/NFPA 253 Critical Radiant Heat Flux Minimum 0.45 W/cm<sup>2</sup>. Canada - meets current requirements of ULC 102.2.

### **DIMENSIONAL STABILITY:**

Non-woven polyester/cellulose backing with glass fiber reinforcement provides excellent dimensional stability.

### **COLOR STABILITY:**

> Standard 7 on the Blue Scale. (Blue Scale Maximum is 8.)

### **CHEMICAL RESISTANCE:**

Unaffected by surface water and most chemicals which do not have a solvent action on PVC. Acids and dyes may affect the color, which should be selected accordingly.

**TEMPERATURE PERFORMANCE:**

Under normal foot and wheeled traffic, Altro safety flooring can be used at temperatures up to 140°F (60°C). Altro safety flooring will stand hot liquid/steam temperature shock. Altro safety flooring can be used with radiant heat panels. Altro safety flooring will also withstand cold room temperatures to -4°F (-20°C).

**X-RAYS:**

Altro safety flooring will withstand irradiation of 100 Megarads (equivalent to some 100 years of use in a treatment room) without injurious effect.