

OVERVIEW

When an extra dose of acoustic help or a little privacy is needed, the Switch divider is the perfect choice. As a result of its lightweight design, the Switch can be moved easily from one place to another. It's just a matter of changing the angle of the panels to either create an open space or to create some privacy.

Hush Panels are manufactured from 100% Polyethylene Terephthalate (PET) comprised of 60% recycled plastic. The material is made from flame-retardant fibers that meet the ASTM E84 class A certification. Acoustic Panels contain no Volatile Organic Compounds (VOC) and has a sound absorption Coefficient of: NRC = 0.85.

COLOUR OPTIONS (9mm)



Apricot Wine Sunflower Lilac Aquamarine



Ocean Lapis Moss Slate Oyster



Casper Fog Mocha Snow Vanilla

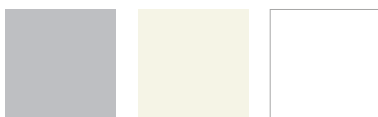
FRAME COLOUR OPTIONS



Orange Red Plum Yellow Green



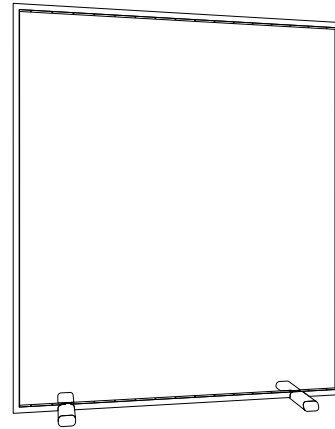
Teal Blue Navy Charcoal Black



Silver Ivory White

FRAME SPECIFICATIONS

- 1" x 1" fully welded steel frame
- Durable powdercoat finish
- Optional ganging clips to attach multiple dividers
- Removable inserts to change acoustics panels



Flame Spread Test & NRC

Determine the Flame Spread and Smoke Developed Values based upon triplicate tests conducted.

Insulation material, 9mm in thickness, described as, "9mm polyester acoustic sheet".

PROCEDURE

The method, designated as CAN/ULC-S102-10, Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies, is designed to determine the relative surface burning characteristics of materials under specific test conditions. Results of less than three identical specimens are expressed in terms of Flame Spread Value (FSV) and Smoke Developed Value (SDV). Results of three or more replicate tests on identical samples produce average values expressed as Flame Spread Rating (FSR) and Smoke Developed Classification (SDC).

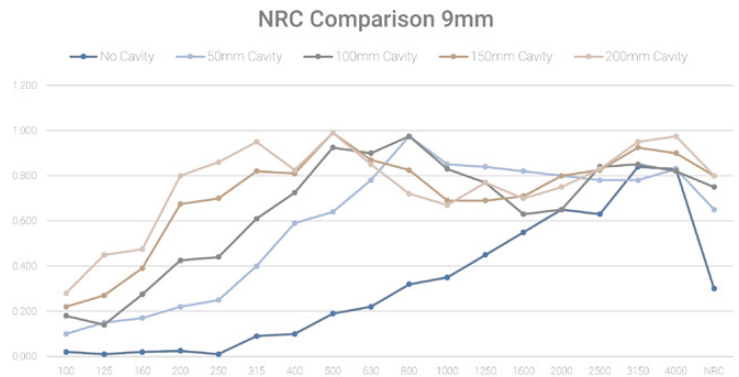
TEST PROCEDURE

The tunnel is preheated to 85°C, as measured by the backwall-embedded thermocouple located 7090mm downstream of the burner ports, and allowed to cool to 40°C, as measured by the backwall-embedded thermocouple located 4000mm from the burners. At this time the tunnel lid is raised and the test sample is placed along the ledges of the tunnel so as to form a continuous ceiling 7315mm long, 305mm above the floor. The lid is then lowered into place. Smoke Developed Values (SDV) are determined by comparing the area under the obscuration curve for each test sample to that of inorganic reinforced cement board and red oak, established as 0 and 100, respectively. Each Smoke Developed Value is determined by dividing the total area under the obscuration curve by that of red oak and multiplying by 100.

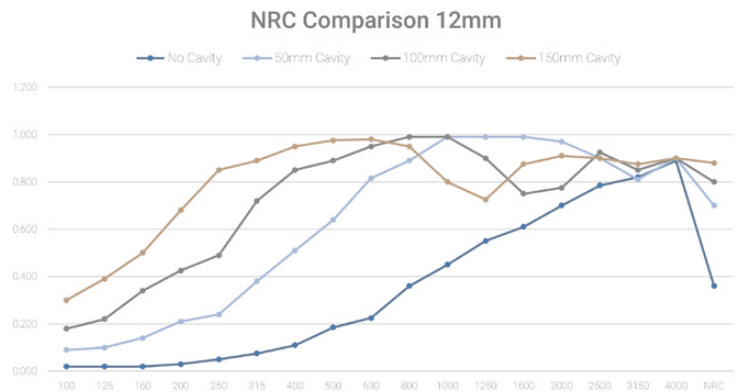
OBSERVATIONS OF BURNING CHARACTERISTICS

- The specimens ignited approximately 18 to 23 seconds after exposure to the test flame. Melting and flaming dripping behavior was observed. Material that dripped to the floor of the apparatus also ignited.
- The flame fronts propagated to maximum distances of 1.7, 2.9, and 1.8 meters at approximately 587, 577 and 244 seconds in to each respective test.

NOISE REDUCTION COEFFICIENT COMPARISON - 9mm



NOISE REDUCTION COEFFICIENT COMPARISON - 12mm



NOISE REDUCTION COEFFICIENT COMPARISON - 24mm

