ONNiT Systems Felt Acoustical Protection Panels Data Sheet

Composition:
· 100% PET (over 75% recycled content)

Available Thicknesses:
· 12mm, 24mm, with custom thicknesses available

Density:
· 1900g/sqm – 2400g/sqm (approximately 14 pcf)

Dimensions:
· Standard panel size: 2' x 2' x 1"
· Custom sizes available upon request

Fire Rating:
· ASTM E84 – Class A

Acoustic Performance (NRC):
· NRC rating: 0.3 – 0.9 (depending on thickness and air gap)

Applications:
· Suitable for use as High-impact acoustical wall and ceiling protection panels

Key Features

Sustainable & Eco-Friendly:
Made from over 75% recycled PET, these panels are both environmentally conscious and sustainable.

Acoustical Performance:
Provides superior sound absorption and wall protection, enhancing both function and aesthetics in any space.

Customization:
Panels can be cut into various shapes and sizes, offering flexibility for unique designs.

Durable & Lightweight:
Despite their lightweight construction, these panels are highly durable and hard-wearing.

Color Options:
Available in 8 different color choices with up to 24 additional custom color options to complement any design scheme.

Additional Information:

Note on Variations:
Due to the nature of the material, variations in thickness, fiber mix, color, and slight surface blemishes are inherent features of this product. Some variation from batch to batch may occur.

NRC Performance of PET 12mm Acoustical Panels

Y-axis: Noise Reduction Coefficient (NRC)
X-axis: Frequency (Hz)
Legend: NRC Values

X-axis values: 125, 250, 500, 1000, 2000, 4000