

PRODUCT SPECIFICATIONS

Impact Protection Wallcoverings

FOR PRODUCTS

Impact Protection Murals with ImageLock®

PHYSICAL PROPERTIES

DESCRIPTION Class A fire rated, Engineered PETG with Impact and Chemical Resistance

CONSTRUCTION Wall Protection Panels with UV-LED Inks and UV Matte Coating

SUBSTRATE

Dimensions..... 4' x 8' or 4' x 10'

Thickness..... 0.040" (1.02mm)

Texture..... Light Suede

INKS

UV-LED inks with nearly zero VOC's containing up to 50% naturally-derived monomers and oligomers. UL GREENGUARD Gold Certified meeting California CDPH Standard Method v1.2, Classroom and Office Environment

COATING

UV matte coating extremely resistant to marring, scratching, abrasion and chemicals.

MOLD & MILDEW

ASTM D2276 – No Growth

ASTM G21-g6 – No Growth

IMPACT RESISTANCE

ASTM F476-84 sec. 18

Failure Height..... 6"

Failure Type..... >3/8"

FLAME & SMOKE

UL Class A/1 Fire Rated

Flame Spread..... 25

Smoke Developed..... 450

DURABILITY

Abrasion Resistance..... 10,000 Wear Cycles

Chemical Resistance..... Resisted Growth of Bacterium Culture

Tensile Strength..... 5,715 psi (ASTM D-638)

Flexural Strength..... 7,024 psi (ASTM D-790)

Flexural Modulus..... 242,000 psi (ASTM D-790)

Hardness (Shore D) 71 (ASTM D-785)

Heat Distortion Temp 150.4° F (ASTM D-648)

ENVIRONMENTAL

Free of PETG PVC and PBTs

Low VOC per California 01350

CHPS Designed & CHPS Verified for Classroom Environment

Room Volume (m3)..... 231

Wall Area (m2)..... 94.6