

GOLD MEDAL SAFETY PADDING

PERSONAL SAFETY ROOMS

Gold Medal Safety Padding is specially formulated for use in jail cells, time-out rooms and psychiatric rooms where violent behavior may result in injury to the inmate, student, patient, staff or damage to their surroundings.

PRODUCT DATA

	Test
Thickness	Horizontal padding nominal 1.25", Vertical padding nominal 1.5"
Production Size	Produced in 4' x 8' panels
Weight, nominal	Apprx. 5 lbs / SF
Packaging	Can be bulk shipped and palletized on 4' x 8' pallets—10 pads per pallet
Padded Trim Pieces	2" Flat, 4' flat and 45-degree tapered pieces each produced in 8' lengths

SURFACE PREPARATION & INSTALLATION

All vertical and horizontal panels will be mechanically fastened to substrate. The number of fasteners per panel will be determined by the installers and is based on type of substrate and angle of installation. Padded trim molding pieces will be adhered to the substrate by products recommended by manufacturer for room specific detail. A gap of 1/8" ± 1/16" should be left between panels and will be sealed with an epoxy compound recommended by manufacturer. When fully cured sealer will be sanded to meet adjacent edges of panels. All fastener holes will be backfilled with epoxy and sanded. A finish top coat recommended by manufacturer will then be applied.

USE ON CEILINGS

Gold Medal Safety Padding is relatively heavy and requires a substantial ceiling structure to support the load if installation is needed on the ceiling of the room. If the padding is to be attached to a suspended ceiling, we require a that a stamping design professional provide written confirmation that the ceiling framing will support a collateral load of eight (8) pounds a square foot (40 Kilogram /Square Meter) to support the padding installation. If the ceiling is cast concrete or a heavy-duty steel security ceiling assembly, the installation may take place without any documentation.

PRODUCT PROPERTIES

	Test	Rating
Fire Rating	ASTM E84	Class A
Tensile Strength	ASTM D-638	300 psi min
Hardness Range	Durometer	60 ± 5, Class D
Critical Radiant Flux for Floor Coverings	ASTM E684	Class I, >0.99 (W/cm ²)
Force Reduction Properties	ASTM F2569	Wall Pads 73%, Floor Pads 57%
Temperature Stability	NA	Unaffected from 20 degrees F to 120 degrees F
Compression Set	ASTM D395	95-98% immediate recovery after 72 hours
Compression Properties	ASTM D575	10% modulus—30-60 psi 50% modulus 980 psi
Slip Resistant	ANSI B101.3	0.40
CDPH/EHLB Emission Testing	CDPH/EHLB Std Method Version 1.2	Compliant
CAL Fire Listed Product	YES	Listing No. 4320-0976: 0101



Marathon Engineering Corporation

5615 2nd Street West— Lehigh Acres, FL 33971 | U18b Tullow Ind Estate, Carlow, Ireland
www.goldmedalsafetypadding.co.uk