IMPACT BOARD SERIES

PRODUCT SERIES CAPABILITIES

IMPACT GUARD MANUFACTURES A BROAD RANGE OF RUGGED, YET EASILY WORKABLE FIBER REINFORCED THERMOPLASTIC COMPOSITE SKINNED THERMOPLASTIC CORE BOARDS FOR USE IN A WIDE RANGE OF DEMANDING APPLICATIONS. OUR HIGH-STRENGTH PANELS ARE CONSTRUCTED UTILIZING CROSS-PLIED FIBERGLASS REINFORCED POLYPROPYLENE SKINS, THERMALLY BONDED TO PROVEN THERMOPLASTIC CORES. WE HAVE MULTIPLE SCRIM AND FILM OPTIONS TO SATISFY YOUR MANUFACTURING PROCESS AND FINAL APPEARANCE: 10K MINIMUM HOUR QUV TESTED FILMS, NON-SLIP SURFACE, PET AND PP FILMS IN A VARIETY OF COLORS.

IMPACT BOARD IS TRUE COMPOSITE, AS THE BOND BETWEEN THE SUBSTRATES ARE CONTINUOUS AND HOMOGENEOUS.

IMPACT BOARD SKIN PEEL TEST



PRODUCT INFO:

PRODUCT NAME:

IB SERIES PRODUCT

PRODUCT DESCRIPTION:

IMPACT BOARD (IB) IS A THERMO- PLASTIC COMPOSITE MATERIAL COMPRISED OF CONTINUOUS FIBER REINFORCED POLYPROPYLENE SKINS, HEAT LAMINATED TO THERMOPLASTIC CORES IN A VARIETY OF DENSITIES AND THICKNESSES.

APPLICATIONS:

FLOOR, WALL AND CEILING CONSTRUCTION, IMPACT BARRIERS, FORMS, WOOD AND METAL REPLACEMENT

WIDTHS UP TO 114 INCHES WIDE (9.5 FEET)

KEY FEATURES:

- RIGOROUSLY TESTED | THREE YEARS OF DEVELOPMENT AND QUALITY REFINEMENT
- DURABLE | HIGH IMPACT RESISTANCE
- COEFFICIENT OF THERMAL EXPANSION | DIMENSIONALLY STABLE
- MOISTURE RESISTANT | DOESN'T ABSORB MOISTURE LIKE WOOD AND WILL NOT ROT
- LIGHTWEIGHT | BETTER STRENGTH-TO-WEIGHT RATIO THAN STEEL, ALUMINUM OR PLYWOOD
- QUV TESTED | PRODUCT AND FILMS TESTED TO 10K MINIMUM HOURS FOR UV EXPOSURE STABILITY
- LARGE | WIDTHS UP TO 114" (9.5 FEET) AND UP TO 53' LONG
- ENGINEERED | SKINS,CORE THICKNESS AND DENSITY CONFIGURED TO SPECIFICATION
- WORKABLE | CAN BE DRILLED, CUT, SHAPED OR HEATFORMED
- SAFE | CHEMICALLY INERT (NON-REACTIVE)
- SANITARY | EASY TO CLEAN, NATURALLY ANTI-MICROBIAL, STAIN RESISTANT
- RESPONSIBLE | NO VOCS PRODUCED IN PRODUCTION; RECYCLABLE
- APPEARANCE | AVAILABLE IN MULTIPLE COLORS AND FINISHES

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