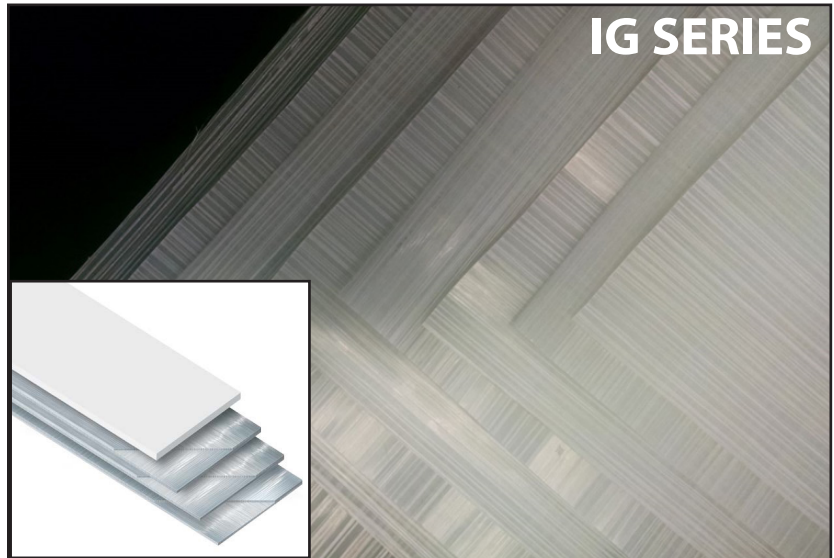


PRODUCT SERIES CAPABILITIES

IMPACT GUARD MANUFACTURES A BROAD RANGE OF RUGGED, YET EASILY WORKABLE FIBER REINFORCED THERMOPLASTIC COMPOSITE PANELS FOR USE IN A WIDE RANGE OF DEMANDING APPLICATIONS. OUR HIGH-STRENGTH PANELS ARE CONSTRUCTED UTILIZING UNIDIRECTIONAL PLIES OF CONTINUOUS FIBER REINFORCED POLYPROPYLENE, STACKED IN LAYERS ORIENTED 90 DEGREES TO EACH OTHER. MULTIPLE SCRIM AND FILM OPTIONS TO SATISFY YOUR MANUFACTURING PROCESS AND FINAL APPEARANCE: 10K MINIMUM HOUR QUV TESTED FILMS, NON-SLIP SURFACE, ANTI-MICROBIAL ADDITIVES, PET AND PP FILMS IN A VARIETY OF COLORS.

BY VARYING THE NUMBER AND DIRECTION OF THE INDIVIDUAL PLIES, IMPACT GUARD CAN MANUFACTURE VARIABLE MODULUS MATERIALS FEATURING DIFFERING STIFFNESS IN BOTH PRIMARY DIRECTIONS.



PRODUCT INFO:

PRODUCT NAME:

IG SERIES PRODUCT

PRODUCT DESCRIPTION:

IMPACT GUARD IG SERIES IS A THERMO-PLASTIC COMPOSITE MATERIAL COMPRISED OF CONTINUOUS FIBER REINFORCED POLYPROPYLENE. PROVIDED IN SHEET OR ROLLED FORMS.

APPLICATIONS:

ROOF PANELS, CONCRETE FORMS, AERODYNAMIC PANELS, VAPOR BARRIERS, WALL CONSTRUCTION, VEHICLE UNDERBODY PROTECTION, SOLAR PANEL BACKER, AGRICULTURAL MACHINERY, OTR TRAILER PROTECTION, WOOD AND SHEET METAL REPLACEMENT

WIDTHS UP TO 114 INCHES WIDE (9.5 FEET)

CONTACT INFO:

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KEY FEATURES:

- ✓ DURABLE | HIGH IMPACT RESISTANCE
- ✓ FMVSS-302 APPROVED | FLAME RESISTANT FOR USE IN AUTOMOTIVE APPLICATIONS
- ✓ THERMALLY STABLE | LOW THERMAL EXPANSION COMPARABLE TO ALUMINUM
- ✓ 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
- ✓ E84 FLAME TEST APPROVED | SOME CONFIGURATIONS ARE APPROVED FOR CLASS 2 AND CLASS 3 HOME CONSTRUCTION
- ✓ CONVENIENT | AVAILABLE IN BOTH CUT SHEET OR ROLLED FORMATS
- ✓ WORKABLE | CAN BE DRILLED, CUT, SHAPED OR HEAT FORMED
- ✓ CUSTOMIZABLE | CAN BE ENGINEERED TO MEET YOUR SPECIFIC REQUIREMENTS
- ✓ SCALABLE | CONTINUOUS ROLLS UP TO 114 INCHES WIDE, (9.5 FEET) WITH UNLIMITED LENGTH
- ✓ SAFE | CHEMICALLY INERT (NON-REACTIVE)
- ✓ SANITARY | EASY TO CLEAN, NATURALLY ANTI-MICROBIAL, STAIN RESISTANT