

MODEL#1000 ALUMINUM FIXED SCREEN
PERFORATED STEEL SPECIFICATIONS

GENERAL

-Exceeds **Heavy** specification for "Metal Protective Screens" ANSI/SMA 6001-02

MATERIAL

-FRAME TO BE 6063-T5 EXTRUDED TUBULAR ALUMINUM,. FRAME TO BE .963 X .877 WITH .56 RETAINER LEG.

-MULLION TO BE 6063-T5 EXTRUDED TUBULAR ALUMINUM. FRAME TO BE .963 X .888 WITH .56 RETAINER LEG EACH SIDE

PERFORATED STEEL INFILL TO BE 18 GAUGE COLD ROLLED STEEL WITH 3/16" DIA. HOLES ON 1/4" STG .

-PERFORATED INFILL RETAINERS TO BE MINIMUM 90 DEGREE SHAPED 3/4" X 3/4"X1/16" EXTRUDED ALUMINUM

CONSTRUCTION

-ALL CORNERS OF SCREEN FRAME MUST HAVE PRESSED IN PLACE CORNER GUSSETS, AND MULLIONS WHERE REQUIRED, TO BE WELDED, ALL WELDS TO BE CLEANED, AND PREPARED FOR FINAL FINISHING.

-PERFORATED INFILL TO BE NOTCHED AT FOUR CORNERS AND FORMED AT 90 DEGREE ANGLE TO PROVIDE A MINIMUM OF 1/2" RETURN ON ALL TWO SIDES.

-PERFORATED INFILL TO BE HELD IN PLACE WITH 90 DEGREE SHAPED 3/4" X 3/4"X1/16" EXTRUDED ALUMINUM ANGLE TO PROVIDE A TIGHT FIT. FLAT STRIP RETAINERS ARE NOT ACCEPTABLE. RETAINERS TO BE HELD IN PLACE WITH TEMPER RESISTANT ROBERTSON #8 X 3/4" SCREWS ON 3 1/2" CENTER AND PENETRATE RETAINER AND PERFORATED INFILL.

FINISH

-ALL EXPOSED SURFACES OF FRAME AND PERFORATED INFILL TO BE PRE-TREATED BY MEANS OF FIVE STAGE IRON PHOSPHATE WASH, POLYESTER POWDER PAINT APPLIED ELECTROSTATICALLY AND BAKED AT 400 DEGREES FOR 20 MINUTES. ASSM B117 SALT SPRAY TESTING TO MEET OR EXCEED 300 HOURS IN ACCORDANCE AAMA 902 SECTION 32 CORROSION RESISTANCE. IN ADDITION TO A WIDE RANGE OF STANDARD COLORS

SPECIAL NOTES

-ACCURATE FIELD MEASUREMENTS ARE REQUIRED PRIOR TO CONSTRUCTION OF SECURITY SCREEN.

-ARMOURED GUARD SECURITY SCREENS RECOMMENDS MULLIONS AFTER SCREEN SURFACE AREA EXCEEDS 80 UNITED INCHES

WARRANTY

-ALL SCREENS SHALL BE WARRANTED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF TEN YEARS FROM DELIVERY DATE. ABUSE IS NOT COVERED UNDER THIS WARRANTY. ANY DAMAGES IN SHIPMENT MUST BE REPORTED TO SHIPPER UPON RECEIPT TO MAINTAIN WARRANTY.