



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS AIR FORCE SUSTAINMENT CENTER (AFMC)  
TINKER AIR FORCE BASE OKLAHOMA



MEMORANDUM FOR RECORD

SUBJECT: Item Description, M23-011 22B092 Fiberglass Reinforced Plastic (FRP) Grating

1. The 76<sup>th</sup> MXSG requests the purchase of the following material for trailer fabrication.
2. The requested items and specifications are outlined below.
  - A. 120 Each Fiberglass Reinforced Plastic (FRP) Grating (Brand Name or Equal to Fiberplate P/N 210890)
    - a. Product shall be 3/8 inch deep with a tolerance of plus or minus 1/16 inch
    - b. Product shall be designed for a uniform load of 100 psf or concentrated load of 300 lb. Deflection is not to exceed 0.375" or L/D = 120, whichever is less
    - c. Grating shall have a square mesh pattern/configuration of 1-1/2 inch x 1-1/2 inch with a tolerance of plus or minus 1/16 inch
    - d. Product shall have an applied grit surface
    - e. Product shall be coated with vinyl ester resin
    - f. Product shall be 4feet x 8feet
    - g. Product shall be fire retardant with a tested flame spread rating of 25 or less when tested in accordance with (IAW) ASTM E 84