

The information provided below is your guide for choosing the right **McNICHOLS®** Expanded Metal product for your project. Please specify:

APPLICATION

Product applications/uses include screening, ventilation, security enclosures, machine guards, ramps, catwalks, walkways, platforms, cabinet inserts, and more. We invite you to browse Expanded Metal applications in our Product and Application Gallery.

EXPANDED TYPE

Choose from a wide variety of Flattened, Standard (Raised), Grating, Catwalk Grating, and Designer Expanded types.

PRIMARY MATERIAL

Select the primary material type including Aluminum, Carbon Steel, Galvanized Steel, and Stainless Steel, taking into consideration climate or environmental realities. We provide more information on Primary Material Types in the links provided in the Overview section on the Expanded Metal Resources landing page.

ALLOY, GRADE, OR TYPE

Choose a secondary material characteristic that applies to your application. A specific material alloy, grade, or type can be an important consideration in your product selection. Factors like temperature, corrosion-resistance, and environmental surroundings can be important variables to consider prior to placing your order.

PRODUCT FINISH

Inventory is typically mill finish unless otherwise specified. We provide more information on Product Finishes in the links provided in the Overview section on the Expanded Metal Resources landing page.

STYLE & TYPE

Choose the Short Way of Design (SWD) measurement in inches, material gauge number or thickness in inches, and expanded type (i.e. 3/4" No. 9 Flattened). For Grating and Catwalk Grating items, select the pounds per square foot desired (e.g. 3.14# Grating (Standard)).

PERCENT OPEN AREA

Choose the percentage of open area desired in the Expanded Metal sheet.

PRODUCT SIZE, FORM, & QUANTITY

Determine the number of sheets and/or sizes including cut-to-size pieces and shearing preference (e.g. bond shear, random shear).

SPECIAL REQUIREMENTS

Specify any requirements such as fabrication, edge treatments, finishing, non-standard tolerances, etc. If your project calls for Infill Panels, an Infill Panel Worksheet is available in the Overview section on the Expanded Metal Resources landing page.

ACCESSORIES

Determine if Expanded Metal Accessories such as Angle, Flat Bar, U-Edging framing solutions, or Fasteners are required for your application.