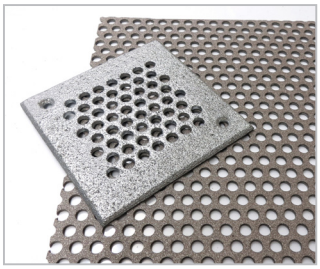
FABRICATING SUGGESTIONS FOR SLIPNOT® MATERIAL

*Slip*NOT® Metal Safety Flooring products can be treated similar to their smooth plate counterparts. Material can be sheared, flame/torch cut, laser cut, water-jetted, plasma cut or welded, either directly or from the opposite side, without harming the *Slip*NOT® surface. *Slip*NOT® can also be drilled and countersunk. The *Slip*NOT® process results in a hardened surface between 55 – 63 on the Rockwell "C" Scale.



DRILLING

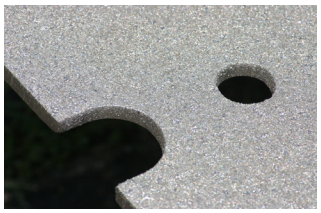
*Slip*NOT® material can be drilled and countersunk. Generally, due to the resulting surface hardness, pre-drilling material prior to the *Slip*NOT® application is recommended. Pre-drilled holes, countersinks, and counter bores are protected from the *Slip*NOT® process so screws/bolts will sit flush. Due to the surface hardness, if fabrication is done after *Slip*NOT® application, additional time and tooling costs should be figured into estimating and labor costs.

SHEARING

Due to the unique random stacked hatch matrix of the *Slip*NOT® surface, plates can be sheared. It is recommended that *Slip*NOT® material be flame, plasma, laser or water-jet cut to save wear and tear on tooling. Plates can also be sheared from the non-slip side to help minimize dulling of the shear blades, however, the roughened, hardened *Slip*NOT® surface can scratch shear tables.

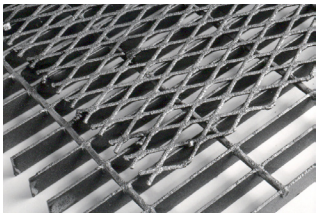
FLAME/PLASMA

The unique *Slip*NOT® surface is bonded to substrates at over 4,000 psi and cutting with flame / plasma is no different than with smooth plates. This is the preferred method for fabricating *Slip*NOT® material. The random matrix surface will not flake or delaminate along burn lines and will not be harmed by any standard burning operation.



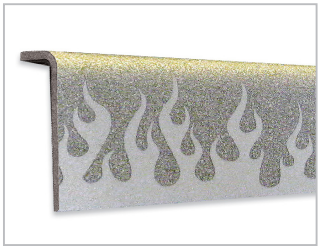
LASER CUT

The random stacked hatch matrix surface of the *Slip*NOT® will add approximately 0.020" – 0.030" to any given substrate. These materials will not harm the optics of laser cutters so *Slip*NOT® materials can be treated exactly the same as non-*Slip*NOT® treated pieces. The laser will not harm the *Slip*NOT® surface in any way and the *Slip*NOT® surface will not damage any laser equipment.



WELDING

*Slip*NOT® is an all-metal, grit-free surface. Welding is performed exactly the same as required for the non-*Slip*NOT® treated counterparts. No special requirements are needed. Heat distortions and discolorations from any welding will be transmitted through the *Slip*NOT® surface as well and should be taken into account if aesthetics are critical to your project. Mounting angles or other such material can be pre-welded to materials and used as weld points during the installation process. This will minimize the chances of surface blemishes.



SURFACE MASKING / DETAILING

*Slip*NOT® is a molten metal plasma stream despoliation and areas can be masked / protected from surface coating. In cases of stair treads, risers and nosing are masked and only the tread surface itself receives the *Slip*NOT® application. Logos, words, or patterns can also be created within the *Slip*NOT® surface application however, there can be additional costs associated with these procedures. For welded installations, small borders can be masked for easier metal working.