

Surface Texture Options

Surface Textures of TH604/TH605

SAFTRAX, a Thermion nonskid, can be applied in many different texture varieties from very aggressive to less aggressive. While these textures greatly vary they all still maintain Coefficient of Friction well above the industry standard requirements, averaging up to 1.1 COF dry and .97 COF wet. These are textures or grades used when classifying our TH604 and TH605 sprayed nonskid which use alumina oxide and silicone carbide as the hard wear resistant particles within an aluminum matrix. It's worth noting that no matter the grade our oxide and carbide content remain the same, only their surface texture is altered thru application parameters. These coatings also offer corrosion protection and do not need galvanized after treatment. For use on, aluminum, stainless steel, steel, ductile iron or after a product has been galvanized.

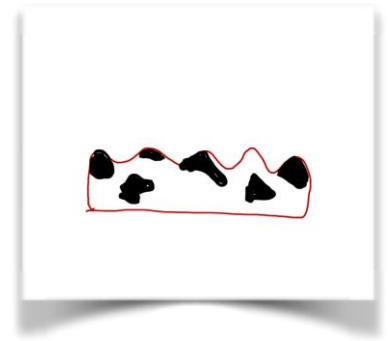
Grade #1 Course Texture

This is our most aggressive texture with greater peak to valley ratios resulting in a very rough texture. This texture is most commonly used in industrial and heavy duty applications needing the most grip possible. To give you an idea this texture is similar to that of #30-40 grit sandpaper.



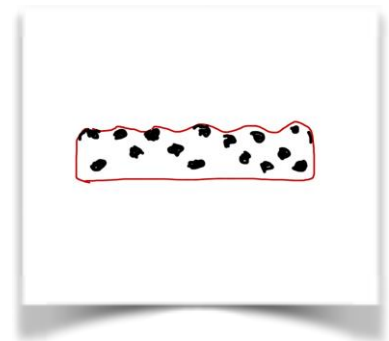
Grade #2 Moderate Texture

Our medium or moderate texture is our most popular all around surface texture. It is not as aggressive as #1 but more aggressive than #3. Most commonly used on pedestrian walkways, gangways, vault doors, municipal manhole lids to name a few. This texture is similar to that of #50-60 grit sandpaper.



Grade #3 Light Texture

This is our least aggressive texture with low peak to valley ratios. Although the roughness is less than those of our other grades it offers non skid properties that meet specifications. While most concerned with slip and falls look for the most texture to prevent falls this texture appeals to applications where there is a concern of secondary damage after a fall such as scraps and cuts. This texture is similar to #80 grit sandpaper.



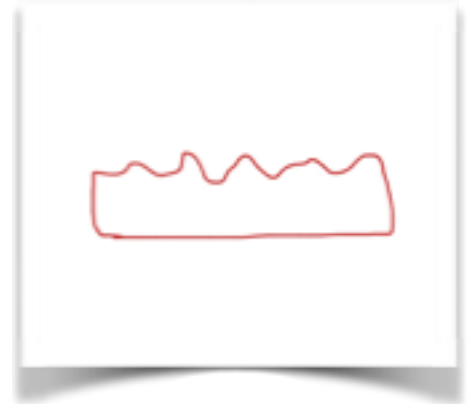
*Black particles in the pictures represent aluminum oxide or Silicone Carbide

G SERIES-Galvanizable Surface Textures TH335

SAFTRAX TH335 is designed to be applied to steel prior to it being galvanized. It is a iron based high carbon alloy that is perfectly matched for products that are to be galvanized. Unlike our TH064 and TH605 this product does not offer any corrosion resistance by itself so a secondary treatment (such as galvanizing) is needed after applying in order to protect it from corrosion.

Grade #4G Course Texture

This is our most aggressive texture obtained using our TH335. Whilst very aggressive before galvanizing a slight degree of texture is lost (of filled in) after galvanizing. This is a great solution to harsh industrial applications. This is our most popular texture in our “G” series.



Grade #5G Moderate Texture

This, our medium textured surface, equal in texture to Grade #2, shown above, which is a good all around nonskid surface having sufficient peak to valley ratios to maintain a safe pedestrian and vehicular passage and meet specifications.

