

OMNI FINISHING

Surface Profile Comparisons

Abrasive / Profile Comparative Chart

The following chart should be used only for approximating abrasive size requirements to obtain a specified anchor pattern. This information can be used for centrifugal wheel as well as pressure blasting. Pressure blasting should be done using 90 – 100 psi nozzle pressure. The depth of anchor pattern used in this chart is an average and not a minimum or maximum depth obtainable.

1 Mil Profile

30/60 Mesh Silica
G-80 Steel Grit
S-110 Steel Shot
80 Mesh Garnet
100 Grit Aluminum Oxide
Clemtex #4

1.5 Mils Profile

16/35 Mesh Silica Sand
G-50 Steel Grit
S-170 Steel Shot
36 Mesh Garnet
54 Grit Aluminum Oxide
Clemtex #3

2 Mils Profile

16/35 Mesh Silica Sand
G-40 Steel Grit
S-230 Steel Shot
36 Mesh Garnet
36 Grit Aluminum Oxide
Clemtex #3
Black Beauty BB-50 or BB-2040

2.5 Mils Profile

8/35 Mesh Silica Sand
G-40 Steel Grit
S-280 Steel Shot
16 Mesh Garnet
24 Grit Aluminum Oxide
Clemtex #2
Black Beauty BB-400

3-4 Mils Profile

8/20 Mesh Silica Sand
G-25 Steel Grit
S-330 or 390 Steel Shot
16 Mesh Garnet
16 Grit Aluminum Oxide
Clemtex #2
Black Beauty BB-40 or BB-25