

Mil Profile – Abrasive Chart

The following chart should be used only for approximating the abrasive size required to obtain a specified anchor pattern. The standard metal used to obtain these results was hot rolled steel with tightly adhering mill scale. The resulting depth of anchor pattern will vary with the method used for measuring depths as well as any one of numerous other variables (type and hardness of steel, thickness of mill scale, degree of cleaning specified, etc...). This information can be used for centrifugal wheel as well as pressure blasting. Pressure blasting should be done using a 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	1.5 Mil Profile	2 Mil Profile	2.5 Mil Profile	3 - 4 Mil Profile
100 Aluminum Oxide	50 Aluminum Oxide	36 Aluminum Oxide	24 Aluminum Oxide	16 Aluminum Oxide
G 80 Steel Grit	G 50 Steel Grit	G 40 Steel Grit	G 40 Steel Grit	G 25 Steel Grit
80 Mesh Garnet	36 Mesh Garnet	36 Mesh Garnet	16 Mesh Garnet	16 Mesh Garnet