Surface finishes

Surface finish is an important element in any specification for stainless steel. SSSS offers you a wide range of finishes with expert guidance on which finish would be best suited for your application.

Hot Rolled

No.1 Finish: Slabs are hot rolled to plate/coils, annealed shot blasted and pickled. This results in a dull, slightly rough surface; quite suitable for industrial application.

Cold Rolled

2D Finish: Material with no.1 finish is cold rolled, annealed and pickled. This results in a dull but superior finish, when compared to No.1 finish. It is suitable for severe deep drawing as the dull surface retains the lubricant during the drawing operation.

2B Finish: Material with 2D finish is given a subsequent light skin pass operation between polished rolls. It is brighter than 2D and is semi-reflective.

No.3 Finish:This is a ground unidirectional uniform finish obtained with 100 – 120 grit abrasive. It is a good intermediate finish for surfaces which would require finer finish after the fabrication/forming process.

No.4 Finish: This is a ground unidirectional uniform finish obtained with 120 – 150 grit abrasive. It is not highly reflective but is suited for components which would suffer from rough handling.

BA Finish: Annealing is done in a controlled atmosphere of cracked ammonia to avoid any oxidation of metal which ensures a bright finish called BA finish. The final surface developed will have a MIRROR type finish. Strips processed through bright annealing line have a brighter luster than material conventionally annealed & pickled.

No.8 Finish: This is the most reflective finish obtained by polishing with rotating cloth mops and polishing soaps/paste containing fine abrasives.

Special Finishes

Chequred, Moon Rock, Striped Finish: These are typical rolled finishes produced by using an etched roll in the final pass in cold reduction.

Matt Finish: This is produced by using a specific rough ground roll during skin passing of 2D Finish material. It offers a matt surface with least reflectivity.

Note: Any specific finish requirements can be supplied with mutual discussion.