

Stainless Steel: Beauty & Durability for Every Home

Course Description/Learning Objectives

Course description

Explores the differences between stainless steel and other steel alloys. Provides a brief but detailed proposal of factors that should be considered when specifying a residential kitchen sink. Different physical and chemical properties are examined as well as a variety of manufacturing methods and additional topics. An overall focus on specifying sinks through knowledge of material grade and quality and manufacturing processes in order to create real value and ensure client satisfaction.

Learning Objectives

1. Gain an understanding of how stainless steel differs from other steel alloys and the benefits that result.
2. Explore in detail the many factors that should be considered when specifying a stainless steel kitchen sink.

Key Concepts

- Differentiation of materials: properties, characteristics, and classifications
- Manufacturing processes
- Methods of installation
- Intended use and design

Intended Audience

The approach of and topics explored in this course, although not of an overtly technical nature, are application-specific. Because of this fact it is not unreasonable to conclude that the course outlined herein would be a valuable resource for a designer of any level. The thorough and focused discourse of the presentation provides basic knowledge that will, ultimately, enhance a participant's ability to serve his or her industry.