



Synopsis



Specification of stainless steel finishes to meet appearance consistency, reflectance, and longevity requirements requires an understanding of the means by which finishes can be quantified so that appropriate means of measurement and ranges can be agreed with suppliers. The international standards for stainless steel finishes only provide very general descriptions of the mill and polished or lished finishes, which is not adequate for achieving finish consistency and matching. There are no standards for specialty mechanically applied and colored finishes. While agreeing on visual standards that represent an acceptable appearance range is critical, that range must be quantified for it to have meaning. This presentation will provide an overview of the factors that affect finish appearance and their specification with a particular focus on the mechanical and colored finishes that are not covered by international standards. It will also provide an overview of these finishes and factors that should be considered during finish selection, including the suitability of different finishes for various types of applications. Since finish durability is dependent on the selection of an appropriate stainless steel alloy for the application environment, there will be a brief review of alloy selection guidance.

Speaker



Ms Catherine Houska

Ms. Houska is an internationally recognized expert on architectural metals, speaker and author of over 200 publications. She consults internationally for some of the world’s most well-known architectural and engineering firms as well as for building owners, metal finishing firms, producers and fabricators. She is well versed in the ASTM and EuroNorm standards for stainless steel finishes, is a long term member of the US Green building Council (USGBC LEED) and chairs ASTM’s General Sustainability Standards. She has written numerous publications about stainless steel finishes and has significant experience in consulting for finish suppliers to improve their products, developing project specifications, and as an expert witness when finish problems occur.

Catherine is President of Catherine Houska Consulting LLC in Pittsburgh, Pennsylvania. She holds a BS in Metallurgical Engineering & Materials Science from Carnegie Mellon University and a MBA from Case Western Reserve University and has received multiple national and regional Technical Awards from the Construction Specifications Institute for her contributions to the industry.

Schedule

10.30am	Registration
11.00am	Seminar Commences
12.30pm	Q & A
01.00pm	End of Event

Date	13/07/2021, Tuesday
Duration	2 hrs (from 11.00am to 01.00pm)
Venue	CISCO Webex

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