



**Certificates will be sent electronically post-event by the presenting brand.
You must have scanned in for this session to receive your certificate.**

Each session is 1 Formal CPD Point

Session Title	Corrosion, Anodising and Powder Coating of Aluminium Extrusions
Date and Time	February 10th 2022, 15:00 - 16:00
Speaker	Sharon Winbanks, Specification Manager, Capral Aluminium
Synopsis	This presentation consists of three main topics, Corrosion, Anodising & Powder coating. We go in depth to breakdown what is aluminium, natural oxidation, galvanic corrosion, crevice corrosion and the actions to prevent corrosion. Plus, the history behind anodising & powder coating, the process, the benefits, the weaknesses and warranties. We will discuss Australian Standards, show a standard comparison between the three & a durability comparison.
Learning Outcomes	<ol style="list-style-type: none">1. Explain the different effect of corrosion on aluminium.2. Apply appropriate Australian standards for anodising and powder coating.3. Identify and apply warranty requirements for applied finishes to aluminium.4. Understand combustibility and flammability of aluminium and its finishes.

Competency Codes

PRACTICE MANAGEMENT AND PROFESSIONAL CONDUCT PC 1

PROJECT INITIATION AND CONCEPTUAL DESIGN PC 32

DETAILED DESIGN AND CONSTRUCTION DOCUMENTATION; PC 39; PC 45