

Abstract

As the market shifts toward highly customized and high-performance building materials, the finishing process becomes a critical factor in product differentiation. This session explores the evolution of fiber cement finishing, transitioning from traditional protection to advanced digital decoration for both interior and exterior environments.

The presentation will delve into the technical requirements for fibre cement panels, including moisture control and surface preparation, to ensure optimal adhesion for 100% UV lacquer systems.

The presentation will detail the complete industrial cycle: from primer application and white base preparation to high-resolution digital printing and protective topcoats.

Attendees will gain insights into how digital printing technology allows for realistic wood, marble, and stone effects, as well as haptic texturing, while maintaining superior scratch and chemical resistance.

Finally, we will discuss the environmental benefits of using 100% solid acrylic UV coatings in a fast, efficient production environment.
