



IMPERMI TEK

Advanced Seamless Technologies

CUSTOM RESIDENTIAL BALCONY

Case Study

Project Type:

New Balcony Construction

System Installed:

IR-26 Polymer Resin System w/
Quartz & ImpermiFinish

Project Size:

1,200 Square Feet

Sector:

Residential

Location:

Logan, Utah

Authorized Installer:

ExterPro



PROJECT INTRODUCTION



A residential property in Logan, Utah required a high-performance waterproofing and surfacing solution for a newly built 1,200-square-foot custom balcony.

Impermitek Authorized Contractor, ExterPro, was selected to install the IR-26 Polymer Resin System with a custom quartz and ImpermiFinish surface.

The goal was to deliver a complete balcony system that combined long-term waterproof protection, durability, rapid installation, and a premium architectural finish that complemented the design and quality of the custom home.

CHALLENGES



As a new-build project, construction sequencing and timing were critical. Once the plywood substrate was installed, it needed to be waterproofed and protected quickly to minimize exposure to the elements and keep the overall construction schedule moving.

Site accessibility presented an additional challenge. The home was constructed on a hillside with a walkout basement, making access to the balcony difficult. Materials were transported and lifted to the work area each day, making a lightweight and easily handled system a significant advantage.

Beyond installation logistics, the homeowner wanted a durable, long-term solution backed by a strong warranty. The finished balcony was also a prominent architectural feature of the residence, requiring a high-end decorative surface that would complement the custom home's overall aesthetic.

THE IMPERMITEK SOLUTION



Following completion of the framing and plywood substrate, ExterPro installed the complete IR-26 Polymer Resin balcony system. Perimeter flashings, terminations, transitions, and thresholds were addressed first before the reinforced IR-26 liquid-applied membrane was installed across the entire balcony.

The system created a seamless, highly durable waterproof membrane with excellent mechanical strength and the flexibility to accommodate normal structural movement. Its cold-applied technology eliminated the need for hot works while allowing complex details to be completed quickly and efficiently. The lightweight system also simplified material handling on the challenging hillside site.



To achieve the client's desired architectural finish, a custom quartz blend was incorporated with ImpermiFinish Clear. ExterPro carefully created tape lines across the waterproofed surface before applying ImpermiFinish Clear and fully broadcasting the selected quartz aggregate. The tape was removed prior to curing to create a distinctive paver-style appearance across the balcony.

A final layer of ImpermiFinish Clear was then applied to protect and encapsulate the quartz finish while creating a durable surface that is easier to clean and maintain.

The completed system delivered the combination the project demanded: long-term waterproofing performance, rapid installation, warranty-backed protection, and a distinctive high-end finish. The homeowner was delighted with the finished result and the quality of workmanship delivered by the ExterPro team.

