



SIKA AT WORK

Squaw Valley Resort

Tram Base Station Waterproofing

Olympic Valley, CA

LIQUID APPLIED ROOFING AND WATERPROOFING

Sikalastic®RoofPro -641 Lo-VOC

BUILDING TRUST





PROJECT DESCRIPTION

Squaw Valley has a rich olympic history. In the village the Squaw Valley Resort served as the site of the 1960 Winter Olympics and since then it has catered to winter sports enthusiasts and summer flolickers from around the world. At the end of the village there is a tram that takes you 2,000 feet up the mountain for a breathing view of the mountain range and the valley below. The Tram base is a concrete structure with a roof deck beneath that protects the occupied lodge area below.

UNIQUE PROBLEM

"It has leaked on and off for forty years"

The concrete roof deck beneath the tram was an ongoing concern due to water intrusion into the occupied lodge area below. The project was to remove an aged built up roof system completely down to the structural substrate. The replacement solution had to be high performing and long lasting.

PROJECT SOLUTION

Sikalastic RoofPro -641 Lo-VOC system. After limited concrete preparation, Sika's moisture mitigating, GDC Primer was applied to the entire concrete substrate. With rain & snow in the forecast, after the primer cured a thin "construction coat" of the resin was placed over it to extend the exposure window up to 7 days. When the applicator returned to complete the system, they were informed that no leaking was observed during the weather event. Even with only the primer coat and construction coat in place, Sikalastic 641 performed outstandingly. Ultimately, a full system featuring Sika Reemat Premium, as the fiberglass reinforcement and then a seed and backroll finish were installed. Now the Squaw Valley tram and lodge can enjoy many years of watertight performance with their roofing/waterproofing solution.

PRODUCTS USED

- Sikalastic® -641 Lo-VOC
- Sikalastic® GDC Primer
- Sikaflex® -11 FC
- Sika® Reemat Premium

PROJECT PARTICIPANTS

OWNER: Squaw Valley /Alpine Meadows
 SUB CONTRACTOR: JB3 Specialists – John Brouse of Patterson, CA
 DISTRIBUTOR: Lowry Company – Hayward, CA
 SALES REPRESENTATIVE: Scott Tyson 650-291-9651
 SIKA TECHNICAL MANAGER: David Axt

