



CASE STUDY

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INSTALLER: Pavlo (a.k.a. Pasha) Starykov - Star Tile & Stone - Portland, OR
ARDEX PRODUCTS DISTRIBUTOR: Mason Supply Company - Portland, OR

PROJECT

The Allison Inn and Spa • Newberg, OR

FEATURED PRODUCTS

- ARDEX Watec® Exterior Drainage System
- ARDEX X 90™ OUTDOOR MicroteC3 Rapid Set, Flexible Tile and Stone Mortar
- ARDEX SX™ 100% Silicone Sealant for Tile and Stone Applications

SITUATION

The luxurious Allison Inn and Spa in Newberg, Oregon, wanted to update their outdoor relaxation and massage area adjacent to the indoor massage suite. The 400 sq. ft. outdoor area with a glass roof overlooks a beautiful, wooded area.

CHALLENGE

While the deck area was properly sloped, the blue stone installed in 2008 posed a challenge. The construction elevation to install directly over the blue stone was limited with entrance height transitions 3/4" to 7/8" but tearing it out would be a very costly compromise. In addition, two stone walls were in place with wavy perimeters that would require some intricate tile cuts.

SOLUTION

Dekton Trilium 28" x 28" tiles were specified for the project and ARDEX recommended the ARDEX Watec® Exterior Drainage System, because the system is loose laid and can be placed directly over the existing pre-sloped surfaces. ARDEX provided technical support throughout the project including a test area with the Watec® System which performed as promised and was then approved to move forward.

The ARDEX Watec® Drainage System is a capillary passive drainage system designed to move water away from the installation and is designed for use with commonly installed tile and stone where construction elevations are limited. It begins with the ARDEX UD 150™ Watec® Drainage Mat loose laid over a pre-sloped substrate. The Dekton Trilium Tile was flat troweled and then set directly over the Watec® Mat with ARDEX X 90™ OUTDOOR MicroteC3 Rapid Set, Flexible Tile and Stone Mortar which can be installed and will set at temperatures as low as 40° F.

The finishing touch was to fill the joints with ARDEX SX™ 100% Silicone Sealant to provide proper movement throughout the installation during the frequent expansion and contraction experienced in outdoor installations. DTA profiles (an ARDEX company) were also used on this installation.

Pasha also commented "The ARDEX Watec® Drainage System was easier to install than anticipated and exceeded my expectations. I plan on using this unique system for exterior tile and stone installations in the future."

