PROJECT > Bill & Melinda Gates Foundation Courtyard
Sand Mix & Veneer Stone Mortar
Seattle, WA

PROJECT DESCRIPTION:
The Bill & Melinda Gates Foundation Campus features a 70,000 square foot stone paver plaza, constructed with several QUIKRETE® underlayment and grouting products. QUIKRETE® Sand/Topping Mix was used for the 2” thick paver underlayment over a cast-in-place concrete slab for all exterior installations. QUIKRETE® Polymer Modified Veneer Stone Mortar was then mixed and pumped into the 1/2” paver joints. The veneer stone mortar was factory pre-blended with integral colors to complement the natural stone colors.

Additionally, a white polymer modified veneer stone mortar formulation was manufactured to match an imported German limestone. QUIKRETE® Multi-Purpose Thin Set, a polymer modified thin set, was used for the installation of all interior stone tile. QUIKRETE® Polymer Modified Veneer Stone Mortar exceeds the ASTM C 270 requirements for Type S Mortar and exhibits two times the sheer bond strength of standard Type S Mortar.

GENERAL CONTRACTOR:  
Johnston Construction

PROJECT START DATE: 
March 2010

PROJECT COMPLETION DATE: 
September 2010

QUIKRETE® PRODUCTS USED:
• 3,000 lb Sand Topping Mix : 447 bulk bags
• 50 lb Multi-Purpose Thin Set : 5,229 bags
• 80 lb Polymer Modified Veneer Stone Mortar - Colored:
  - Green : 966 bags
  - Charcoal : 1,050 bags
  - White : 84 bags

QUIKRETE® Multi-Purpose Thin Set >> 
Product No. 1550-49

QUIKRETE® Polymer Modified Veneer Stone Mortar >> Product No. 1137-85

QUIKRETE® Sand/Topping Mix >> 
Product No. 1103-80

QUIKRETE®