

PROJECT PROFILE

Washington Place, Newton, MA

Quick Cure for Cold: Fire Resist Barrithane™ VP

When Optimum Building Solutions began work last July on Washington Place, a mixed-use development in Newton, MA, Project Manager Linda Tardiff was already planning for winter. The New England native is no stranger to working in temperatures well below freezing and is always on the lookout for products that won't interrupt her jobs.

Knowing that much her work on the 80,000-square-foot project would take place in winter, Tardiff was interested when Don Varnum, with Pace Representatives, introduced her to Fire Resist Barrithane VP, launched in June 2018 by Carlisle Coatings & Waterproofing.

Barrithane VP is a fluid-applied, vapor-permeable membrane for use as an air- and water-resistant membrane in above-grade wall assemblies. The product is a one-part, moisture-curing, silane-terminated polyether (STPE). Barrithane VP is a high-solids, low-VOC product. It is highly moisture-resistant after cure and can be applied over damp substrates.

Barrithane VP will not freeze, can be installed at sub-freezing temperatures, and resists rain wash-off immediately after installation. The formulation is also fire resistant, which allows its use in many NFPA 285 wall assemblies. Barrithane VP is applied in single or multiple coats by roller or brush at 15 to 25 wet mils over exterior sheathing, and at 30 to 50 wet mils over masonry and concrete. Upon cure, Barrithane VP provides a monolithic, fully adhered membrane.

Washington Place at a glance

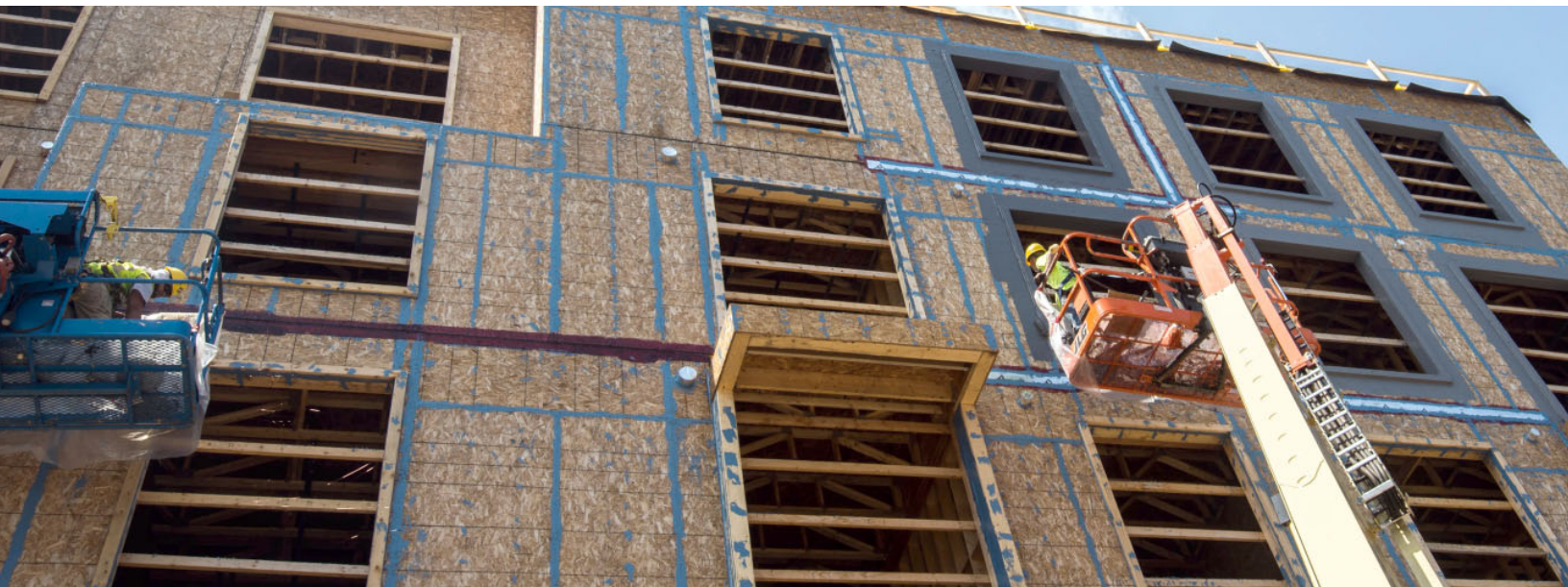
Location:
Newton, MA

Waterproofing Contractor:
Optimum Building Systems, LLC

Expected Completion Date:
July 2020

CCW Products Used:

- Fire Resist Barrithane VP
- Fire Resist 705 FR-A



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The product description was enough to convince Tardiff to try it. She first used it on another multi-use project in Worcester, MA.

"We applied it to DensGlass sheathing and it was drizzling a little," she said. "The product is definitely moisture-resistant and we didn't have any trouble with it running down the walls. But what I really like about it is that you get the mil thickness you need right off the bat with one coat. Similar products I've used require two or three coats.

"My guys really liked it too," she said. "The only problem we've had is that we go through a lot of rollers. The product is heavy, so you have to find the right roller. It goes on thick, but the guys are only having to dip once. I'd rather buy more rollers than spend more on labor."

For the Washington Street project, Tardiff said she has applied Barrithane VP mostly onto OSB plywood.

"So far, I've applied it down to about 25 degrees with no issues," she said. "It cures quickly, too. On a nice dry day, it completely cures in about four hours. It feels like a rubber membrane when it's on the wall. I really like the product."

