

Application Profile

- Project:** Residential Deck Waterproofing, Aalborg, Denmark
- Polyurea Applicator:** Fast Set Coatings, Hirtshals, Denmark
Project Inspection by Primeaux Associates LLC
- Polyurea System Applied:** PV-320, Gray Aromatic Polyurea System
PolyVers International, LLC, Houston, Texas
- Substrate / Area:** Concrete Deck, approximately 60 meters² (650 ft²)
- Date:** September, 2007

The second floor exposed deck on this residential home was leaking into the lower level living area. The polyurea technology was chosen due to the speed of application, seamless installation and bonding to the various drain penetrations and wall areas. This project was near the main downtown area and access was limited, so work had to be conducted from ladder access.



The concrete deck was abraded and vacuumed to remove the dirt, laitences and any remodeling debris. An epoxy primer system was applied to give a good seal over bonding of the liner system to the deck. This was followed by application of an average 1.5—2 mm (60—80 mils) of the PV-320 aromatic polyurea spray system. The aromatic system was chosen, even though the area would be exposed to sunlight, the color fade in the exposed area would be minimally, yet uniform.

The PV-320 system was applied using a GUSMER[®] H-20/35 Pro unit fitted with a GlasCraft[®] Probler[®] P2 spray gun. An “02” chamber was used with an “01” insert tip. This provided controlled output and spray pattern under 138 bar (2000 psi) processing pressure.

The deck area is now waterproofed.



Primeaux Associates LLC
161 Forest Drive - Elgin, Texas 78621
1-512-285-4870 FAX 1-512-281-4933 polyurea@flash.net

