

StreetBond Concrete Adhesion Study Results

Procedure:

Concrete substrates were cleaned using United Cleaning Concentrate (<http://www.quest-cp.com/united-cleaning-concentrate>), primers were then applied where designated and left to dry for 1 day, then coated with StreetBond 150 in Terracotta at the indicated application rates. Upon the top coat drying, aluminum dollies were bonded using Epoxy 907 adhesive and dried for 5 days. Then the DeFelsko PosiTTest Portable Adhesion Tester was used to pull the dollies from the coated substrates and the PSI at the time of failure was recorded (ASTM D-4541). Samples were prepared and tested in triplicate.

Results:

	Products	Failure Force Avg., psi
StreetBond Only	StreetBond 150 Light Application (250 sqft/gal)	333.33
	StreetBond 150 Heavy Application (150 sqft/gal)	323.33
StreetBond Concrete Primer QS	StreetBond Concrete Primer QS Light Application (500 sqft/gal)	596.67
	StreetBond Concrete Primer QS Heavy Application (350 sqft/gal)	910.00
	StreetBond Concrete Primer QS Light Application + StreetBond 150 Top coat (Primer 500 sqft/gal; SB 200 sqft/gal)	513.33
	StreetBond Concrete Primer QS Heavy Application + StreetBond 150 Top coat (Primer 350 sqft/gal; SB 200 sqft/gal)	723.33
StreetBond Concrete Primer WB	StreetBond Concrete Primer WB Light Application (300 sqft/gal)	510.00
	StreetBond Concrete Primer WB Heavy Application (200 sqft/gal)	470.00
	StreetBond Concrete Primer WB Light Application + StreetBond 150 Top coat (Primer 300 sqft/gal; SB 200 sqft/gal)	463.33
	StreetBond Concrete Primer WB Heavy Application + StreetBond 150 Top coat (Primer 200 sqft/gal; SB 200 sqft/gal)	453.33