

BOND STRENGTH TEST

1 (833) **SITEFOX** (748-3369)

Date: 14-Apr-20

Purchase Order #

Client:

Address: 123 Any Street
City: Any City
Province: Any Province

Sample Client

Purpose of test: To assess the substrate before application of tile and mortar $% \left(1\right) =\left(1\right) \left(1\right) \left($

REQUIRED MPA TO PASS : 0.9 mpa

Products	Specimen Area (in.) (A=πr2)	Depth of Hole (in)	Load (psi)	MPA	Failure (Pass/Fail)	Failure Type	Observations
DaroTop Un-shotblasted	7.07	1	1000	0.98	Pass	type (d)	Bond Failure at epoxy/overlay
DaroTop Shotblasted	7.07	1	950	0.93	Pass	type (d)	Bond Failure at epoxy/overlay
DaroTop Un-Shotblasted	7.07	1	1100	1.07	Pass	type (c)	Bond Failure at epoxy/overlay
DaroTop Un-shotblasted	7.07	1	750	0.73	Fail	type (c) (d)	Failure at epoxy/overlay and overlay material
	DaroTop Un-shotblasted DaroTop Shotblasted DaroTop Un-Shotblasted	Products (in.) (A=πr2) DaroTop Un-shotblasted 7.07 DaroTop Shotblasted 7.07 DaroTop Un-Shotblasted 7.07	Products (in.) (A=\pir2) (in) DaroTop Un-shotblasted 7.07 1 DaroTop Shotblasted 7.07 1 DaroTop Un-Shotblasted 7.07 1	Products (in.) (A=πr2) (in) Load (psi) DaroTop Un-shotblasted 7.07 1 1000 DaroTop Shotblasted 7.07 1 950 DaroTop Un-Shotblasted 7.07 1 1100 7.07 1 7.07 1 7.07	Products (in.) (A=πr2) (in) Load (psi) MPA DaroTop Un-shotblasted 7.07 1 1000 0.98 DaroTop Shotblasted 7.07 1 950 0.93 DaroTop Un-Shotblasted 7.07 1 1100 1.07	Products (in.) (A=πr2) (in) Load (psi) MPA Failure (Pass/Fail) DaroTop Un-shotblasted 7.07 1 1000 0.98 Pass DaroTop Shotblasted 7.07 1 950 0.93 Pass DaroTop Un-Shotblasted 7.07 1 1100 1.07 Pass 7.07 1 7.07 1 7.07 1.07 Pass	Products (in.) (A=πr2) (in) Load (psi) MPA Failure (Pass/Fail) Failure Type DaroTop Un-shotblasted 7.07 1 1000 0.98 Pass type (d) DaroTop Shotblasted 7.07 1 950 0.93 Pass type (d) DaroTop Un-Shotblasted 7.07 1 1100 1.07 Pass type (c)

Minimum Bond Strength Requirement : 0.9 MPA
Standard Test Method : ASTM C1583

Bond Plate Diameter:

ASTM C1583 3"

Apparatus Used: SiteFox Bond Tester

Technician: Site Technician

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Technicians Notes: Bond tests were performed over Darotop.

 $\label{prop:control} \mbox{Bonds tests were performed over DaroTop without any primer present.}$

SiteFox.ca

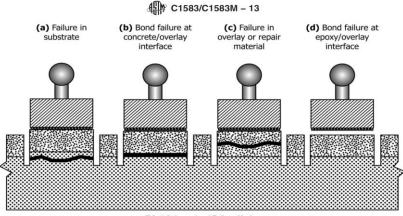


FIG. 3 Schematic of Failure Modes

Test #1



Test #3



Test #2



Test #4

