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TECHNICAL DATA SHEET

Characteristics	Test Standard	Result
Flow Value	ASTM C-230-83	90 Very Trowellable
Water Absorption	24 Hr Immersion	no moisture penetration
Compressive Strength	ASTM C-109-80	3 Day 1848 7 Day 4625 14 Day 5400 28 Day 7280
Flexural Strength	ASTM C-293-79	14 Day 669 28 Day 812
Tensile Strength	ASTM C-192-82	7 Day 491 28 Day 541
Abrasion Resistance	CAN 2.75-1-M77	25.6 GR. Loss (Excellent)
Shear Bond	ASTM C-882-78	516 PSI Slant Shear
Linear Shrinkage	ASTM C-157-80	1 Day 0.011 7 Day 0.097 14 Day 0.114
ULC Fire Cube Test	CAN S-114	No Flame- Passed Small Wt. Loss- Passed

Freeze Thaw- Resistance after 25 cycles as per ASTM C-672 showed no visible change in appearance or loss in weight i.e. high resistance to scaling, resistance to de-icing chemicals.

Shear Bond -(Adhesion Test) just after 3 days curing, the bond strength was greater than the inherent flexural strength of the concrete tile. The break occurred within the tile itself rather than at the bond interface of the cement mortar.