VF 774

FORTON

Why Forton VF 774?

30+ Years

- Consistent color over time no yellowing/fading
- Demonstrated long term ductility
- The <u>only</u> latex that has withstood the test of time

Quality GFRC

- Maximum 28 day strength w/o 7 day wet cure
- High density material without voids
- Color consistency from batch to batch
- · Virtually eliminate face cracking

Improved Processing

- Improved workability of the mix
 - Spray on vertical w/o sag
 - Improved pumping
- No foaming
- Excellent pigment dispersion

Quality Latex

- VF 774 is designed for GFRC
 - Monomer mix, particle size, solids content, additive package
- Excellent batch to batch consistency

FORTON

Mix behavior

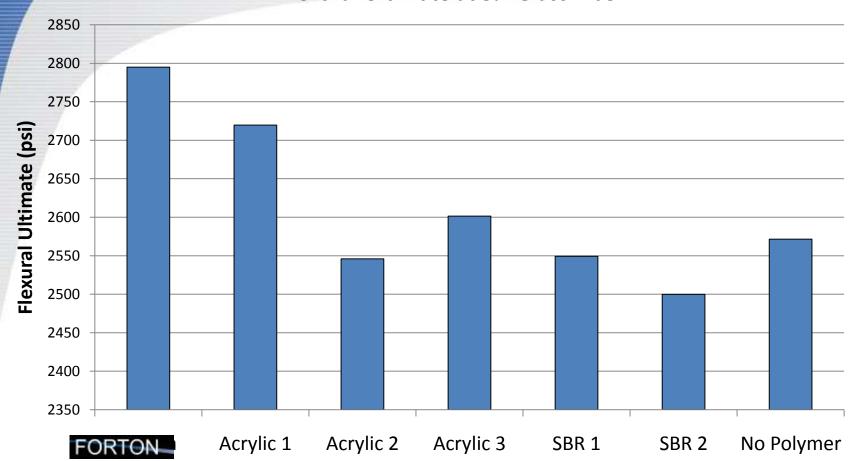
	FORTON	Other Acrylics	SBRs
Water reducing effect	++		+
Controls foaming	++		-
No offensive odor	+	+	

There are clear processing advantages when using Forton over other acrylics, SBRs or no polymer.



28 Day Flexural Ultimate

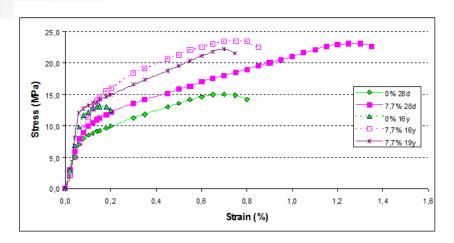


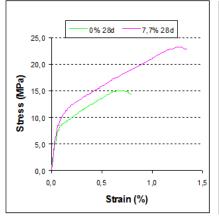


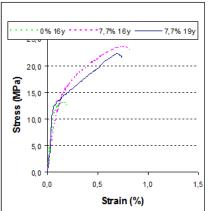


Long Term Durability

- Forton increases the strain to failure at 28 days
- Field tests show that high strain to failure is only maintained with Forton

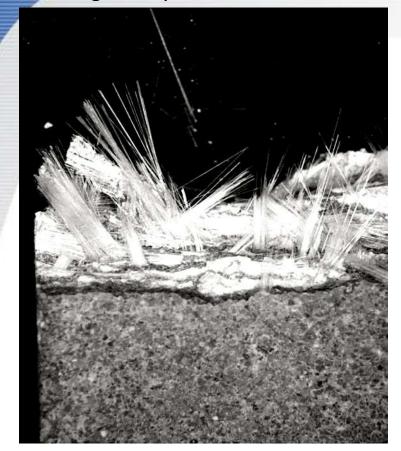








Aged 16 year w/o Forton



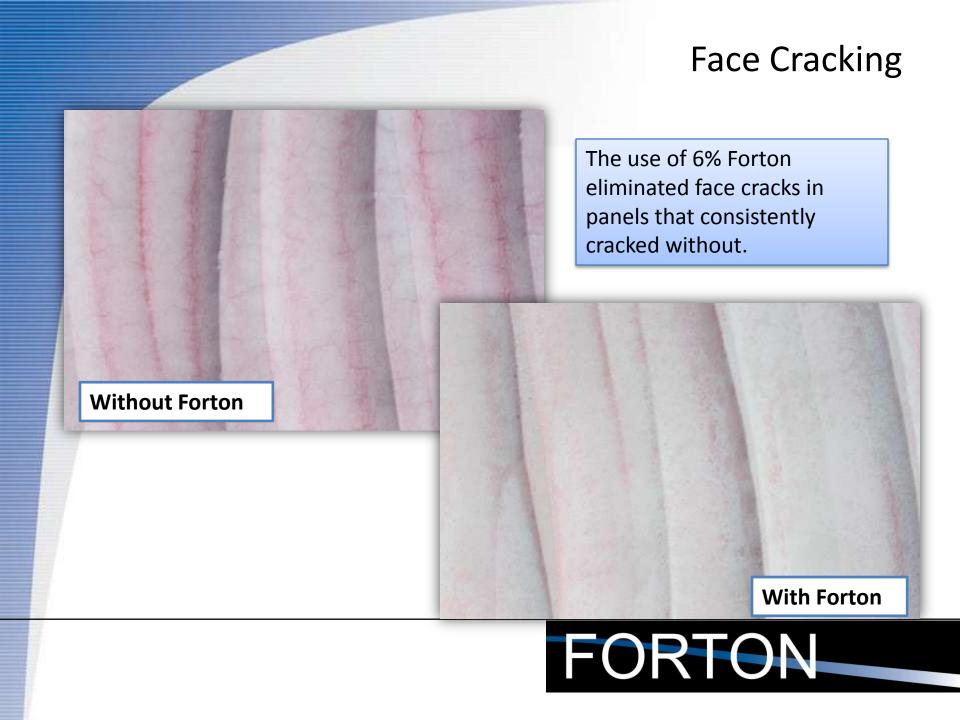
Long Term Durability

Aged 16 year w/ Forton



w/o Forton -- brittle break, straight break line, few fibers w/ Forton -- ductile break, jagged break line, abundant fibers





Why Use Forton?

Property	FORTON	Other Acrylics	SBRs	No Polymer
Designed for GFRC	✓	×	×	*
Manufactured to tight specifications	✓	-	-	
Forgiving slurry	✓	-	-	×
Will not foam	✓	×	×	✓
No strong offensive odors	✓	✓	×	✓
Eliminates 7 day wet cure	✓	-	-	×
Will not yellow	✓	-	×	✓
Prevents face cracking	✓	-	-	×
Highly ductile GFRC	✓	✓	✓	✓
proven to last for decades	✓	×	×	×



: <u>THE</u> time tested material for GFRC

Summary

FORTON

- The foundation for quality GFRC
 - designed specifically for GFRC
 - manufactured to tight specifications
- Consistently produces desired results
- Produces GFRC with maximum 28 day strength w/o 7 day wet cure
- Produces more water resistant GFRC with lower water absorption compared to SBR latexes
- Prevents face cracking
- Produces highly ductile GFRC that remains ductile for decades
- *The* time tested material for GFRC