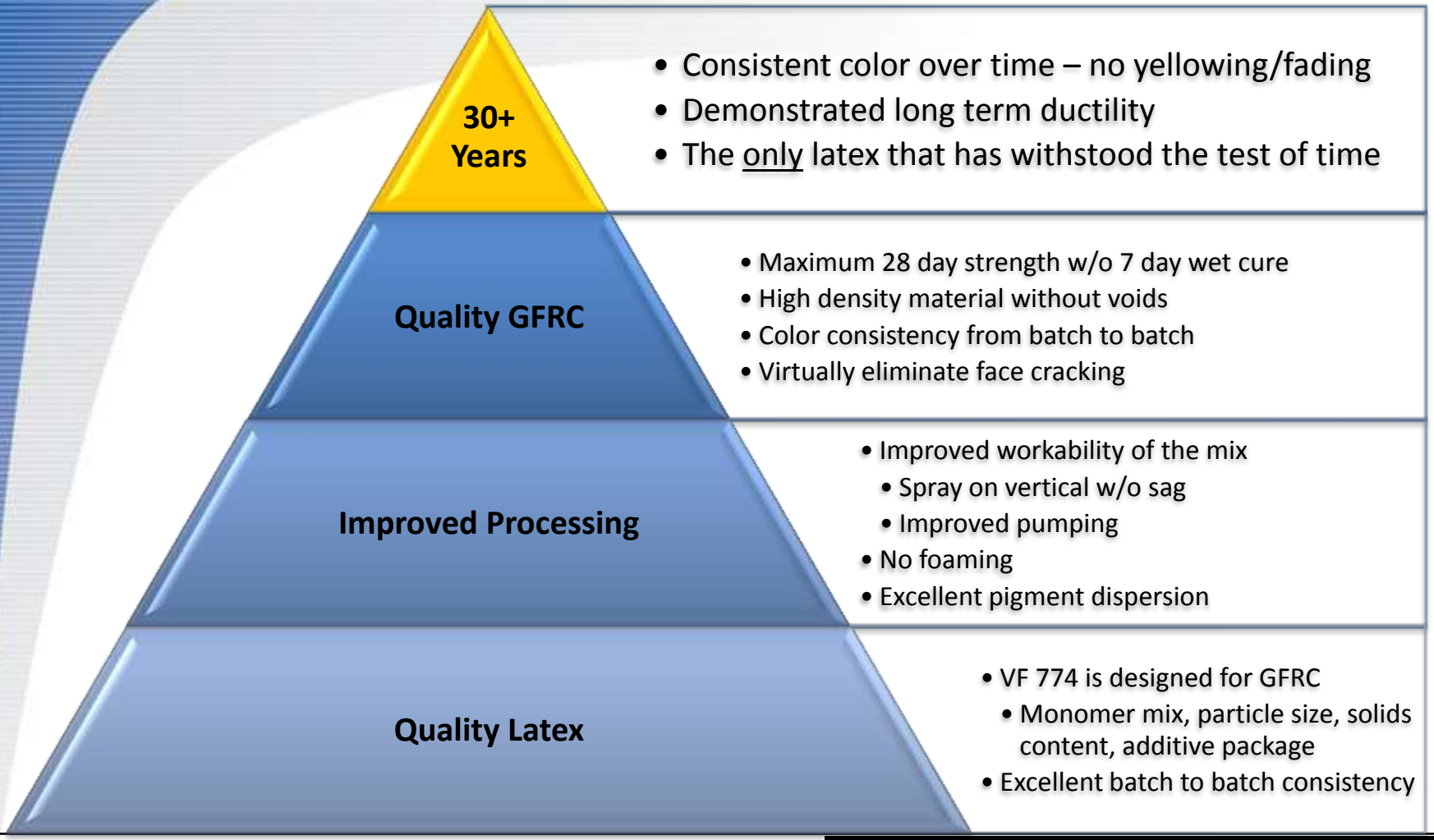
VF 774

FORTON

Why Forton VF 774?



FORTON

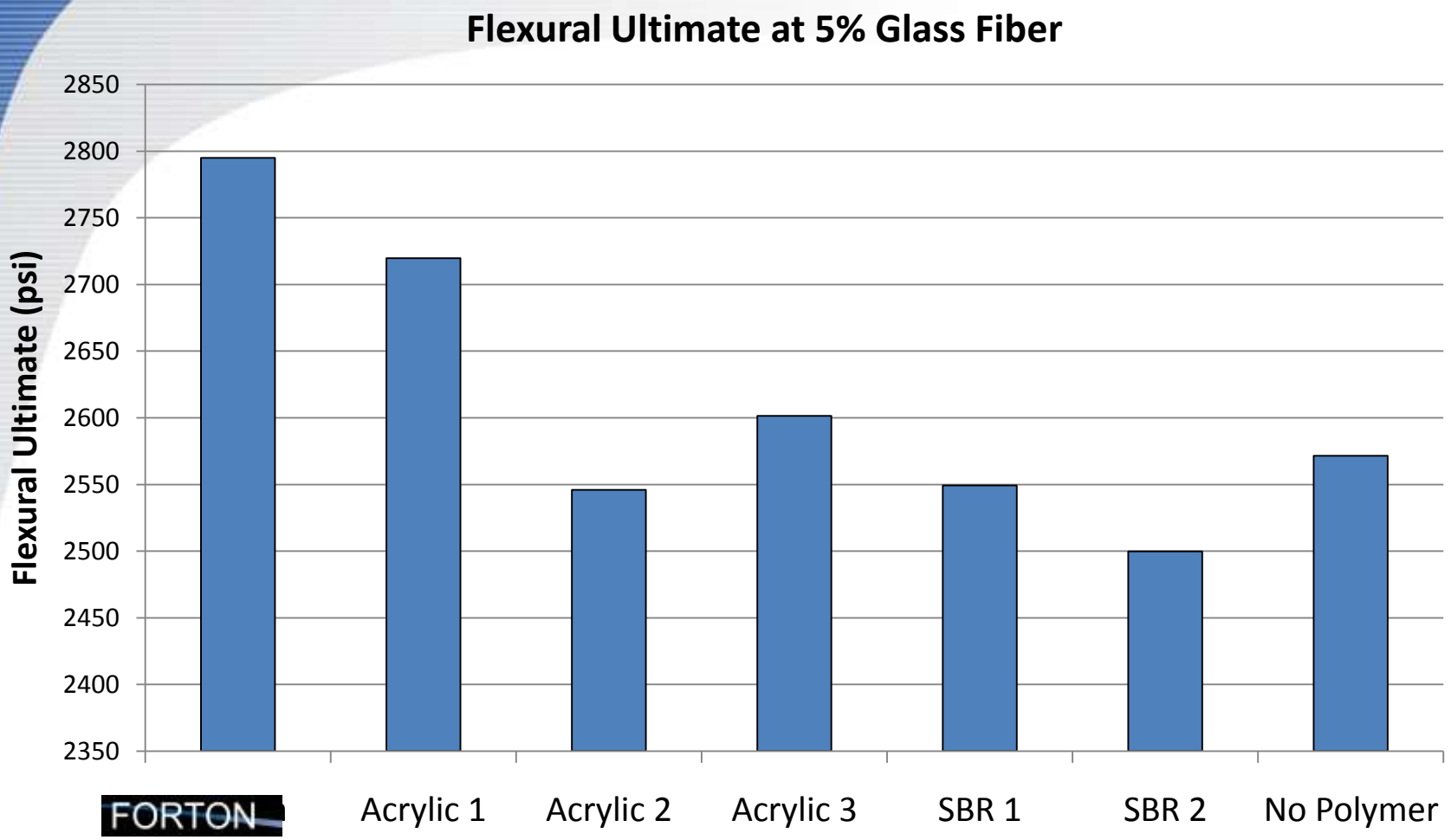
Mix behavior

	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.

FORTON

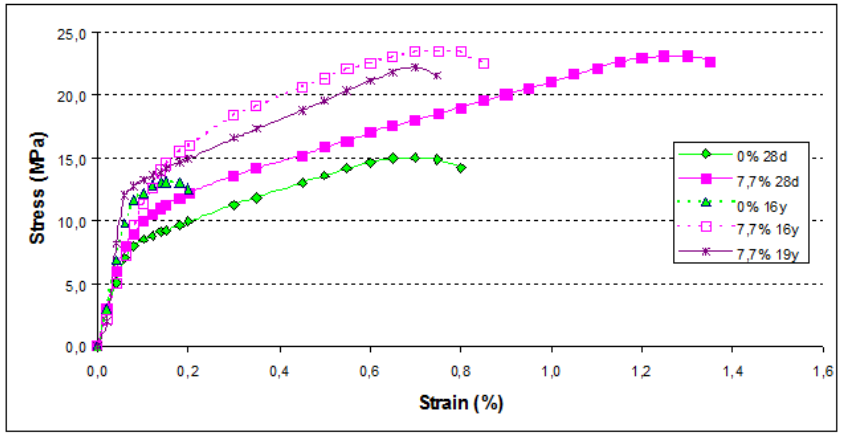
28 Day Flexural Ultimate

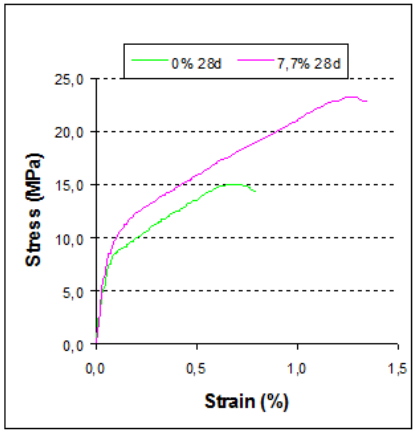


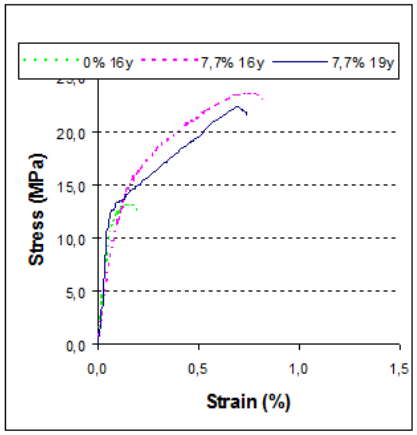
FORTON

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





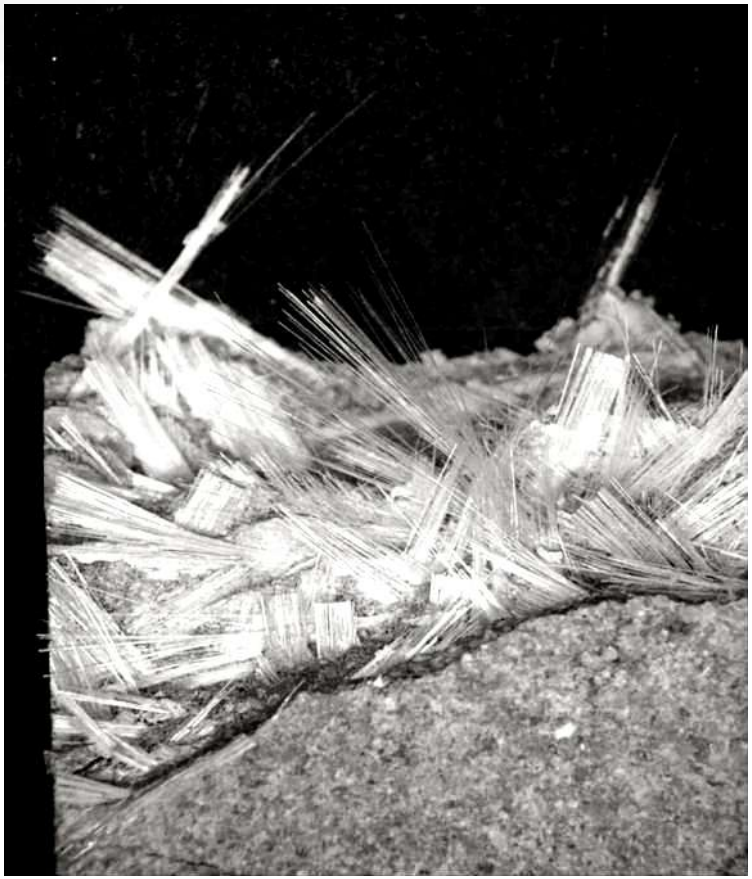


FORTON

Long Term Durability

Aged 16 year w/o Forton

Aged 16 year w/ Forton



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

FORTON

Face Cracking

Without Forton

The use of 6% Forton eliminated face cracks in panels that consistently cracked without.

With Forton

FORTON

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	✓	✗	✗	✗

FORTON : <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