

# TufCOR® 3640 Emulsion

**Description:**

- TufCOR® 3640 is a vinyl acetate ethylene copolymer stabilized with polyvinyl alcohol.
- This polymer provides good flow properties, high tensile strength, excellent saponification and weather resistance.

**Suggested Applications:**

- Designed specifically for building construction applications.
- TufCOR 3640 has a high solids and viscosity which makes it suitable for the manufacturing of redispersible powders (RDP). As a base, this polymer will enhance the mortar properties of: adhesion, flexural strength and abrasion resistance.
- TufCOR 3640 in dispersion or RDP form can be used in in:
  - Ceramic tile and grout
  - Interior/exterior skim coats
  - Adhesives for EIFS
  - Patch and repair mortars

- Consult Celanese's *Storing, Handling and Preserving Emulsion Products* brochure.

Typical Properties	
Solids	55%
Viscosity <sup>1</sup>	2200 cps
pH	4.5
Tg (°C)	+18
Density	8.9 lbs/gal
Mechanical stability	Excellent
Freeze-thaw stable	No
Plasticizer response (avg) <sup>2</sup>	3.0
Borax compatible	No
Water resistance	Good
Heat Seal Temp. <sup>3</sup> (F)	160-170

<sup>1</sup> Brookfield RVF 20 RPM #3, @ 77°F

<sup>2</sup>Viscosity increase after 10 parts Benzoflex® 50 added to 100 parts emulsion.

<sup>3</sup>Sentinel – 40 psi, 5 sec dwell. Kraft to Kraft

**Storage & Handling:**

- Shelf life is approximately six months at 77° F.
- Consult MSDS for important health, safety and handling information before using this product.

8040 Dixie Highway, Florence, KY 41042 • Technical Service 877-832-7782 • Customer Service: 800-845-0940  
emulsionstechservice@celanese.com • www.celanese-emulsions.com

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## Technical Data Sheet

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emulsionstechservice@celanese.com • www.celanese-emulsions.com

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