



TUFCOR®

**HIGH-PERFORMANCE EMULSIONS FOR
BUILDING AND CONSTRUCTION MATERIALS**
NORTH AMERICAN GUIDE

INNOVATIVE SOLUTIONS FOR THE BUILDING MATERIALS INDUSTRY

For more than 50 years, Celanese emulsions have been vital components in building materials. Celanese offers a broad range of technologies to the building and construction industry including polyvinyl acetate homopolymers (PVAc), vinyl acetate/ethylene (VAE) and acrylic emulsions. Our product lines are leaders in the applications they serve as benchmarks for quality and performance.

Celanese emulsions are core components of high quality adhesives and construction products such as mastics, cement bonding agents and admixtures, caulks, sealants, joint compounds, grouts and construction adhesives.

We start with our state-of-the-art research and development facility outside Frankfurt, Germany. Celanese's technical service center and application labs for the Americas are located in Florence, Kentucky. Our products are then supported in the field by technical service experts. As a business, we are committed to helping you drive value into your products and are ready to help you find the right solution to your latest challenge.

In a continuing drive for increasingly environmentally-friendly products, Celanese is moving toward APEO-free and no added formaldehyde products. We work closely with customers to help the ever increasing demand for sustainable products. Ask your sales or technical representative for more information.

TUFCOR® EMULSIONS

TufCOR® emulsions are designed expressly for the challenges of the building materials industry. These high performance emulsions build strength, durability and dependability into the very core of your products. See how they can work in your latest innovations today.



Product	Polymer Type	Min, % Solids	Viscosity	Tg (°C)	Avg Density	pH	Stabilization	Freeze/Thaw Stable	Tape Joint	Caulks and Sealants	Cement Bonding and Admix	Mastics & Spackling Compounds	Construction Adhesives	Grout	EIFS	Product
TufCOR® 703	PVAc	47	100	+30	8.9	6.0	Surfactant	Yes		•		•				TufCOR® 703
TufCOR 5750	PVAc	58	2300	+11	9.2	5.0	PVOH	No	•							TufCOR 5750
TufCOR 1063	PVAc	58	2000	+20	9.1	4.8	Surfactant	No	•							TufCOR 1063
TufCOR 3025	PVAc	56	2300	+30	9.0	5.0	PVOH	Yes		•	•		•			TufCOR 3025
TufCOR 3281	Self X-Linking PVAc	49	5500	+30	9.0	4.7	PVOH	Yes					•			TufCOR 3281
TufCOR 4510	VAE	55	125	+9	8.9	6.5	Surfactant	No				•	•			TufCOR 4510
TufCOR 580	VAE	63	<1000	-18	8.5	4.5	Surfactant	No					•			TufCOR 580
TufCOR 3640	VAE	55	2200	+18	8.9	4.5	PVOH	No			•			•	•	TufCOR 3640
TufCOR 1214	VAE	55	2300	+11	9.0	4.5	PVOH	No	•							TufCOR 1214
TufCOR 3610	VAE	50	1000	-5	8.9	4.5	Surfactant	No			•					TufCOR 3610
TufCOR 3220	VAE	55	2400	0	8.9	4.5	PVOH	No	•	•	•		•			TufCOR 3220
TufCOR 4215	VAE	55	2300	+10	8.9	4.5	PVOH	No		•		•	•			TufCOR 4215
TufCOR 780	Vinyl Acrylic	54	500	-5	8.9	5.5	Surfactant	Yes		•		•				TufCOR 780
TufCOR 3600	Acrylic	50	500	0	8.9	8.0	Surfactant	Yes		•	•	•	•	•		TufCOR 3600
TufCOR 3650	Acrylic	50	400	+50	8.8	8.0	Surfactant	Yes			•					TufCOR 3650



EMULSION POLYMERS

celanese.com/emulsion-polymers

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