

MasterLife[®] 300D Admixture

Comparison between MasterLife 300D and Barrier One

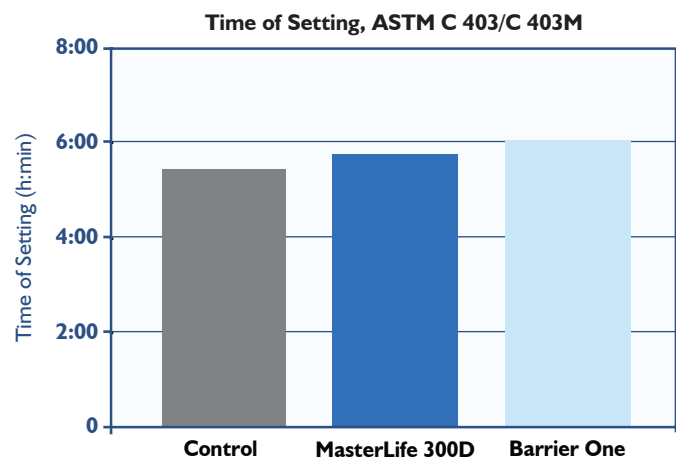
Benefits

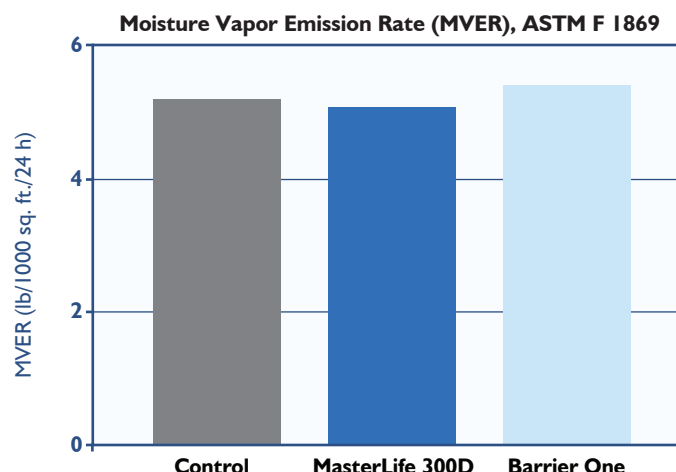
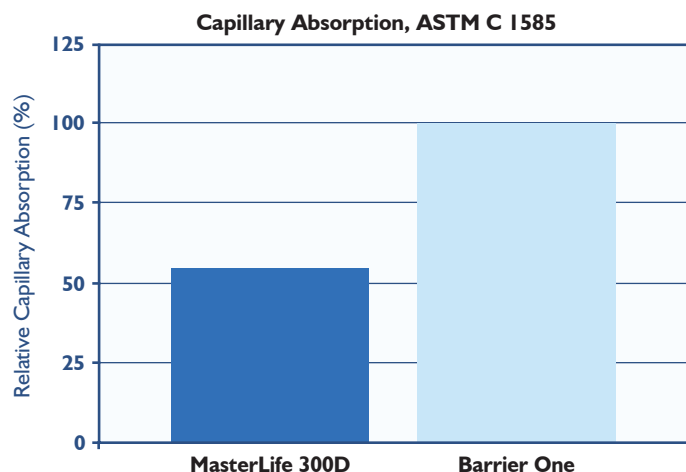
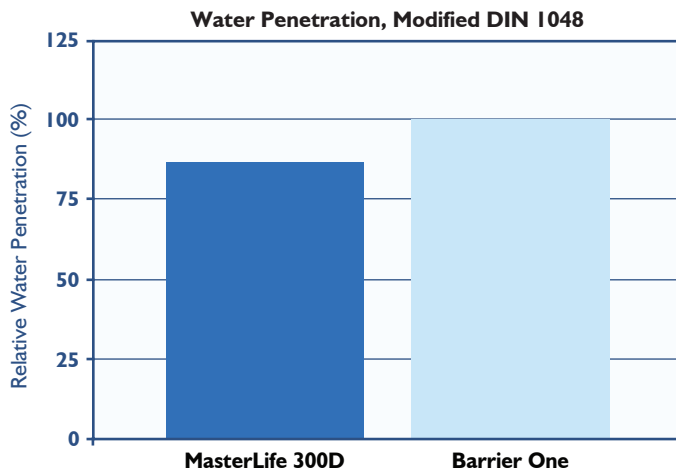
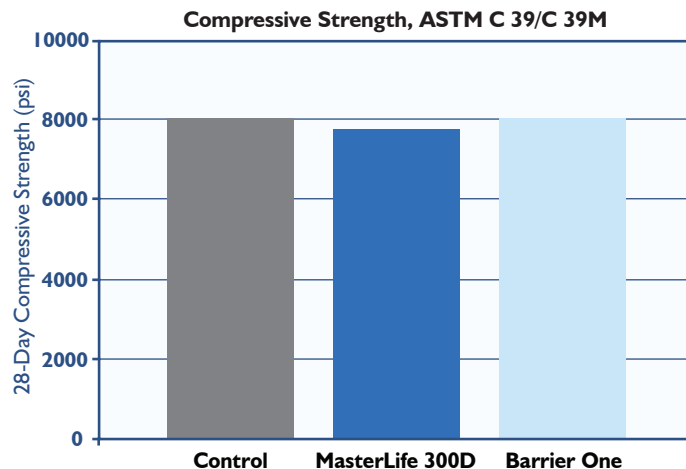
- MasterLife 300D at 2.0% by weight of cement provides lower capillary absorption and lower water penetration when compared to Barrier One at the manufacturer recommended dosage of 14 fl oz per 100 lb of cement.
- MasterLife 300D-treated concrete provides performance equivalent to Barrier One in terms of time of setting, compressive strength and moisture vapor evaporation rate (MVER).

Mixture Proportions

	Control	MasterLife 300D	Barrier One
Cement – Type I (lb/yd ³) (corrected for yield)	649	642	639
w/cm	0.40	0.40	0.40
Admixture Dosage (per 100 lb of cement)			
MasterLife 300D, lb		2.0	
Barrier One, fl oz			14.0

The following graphs provide the comparison between the properties of concrete with MasterLife 300D and Barrier One. Hardened concrete tests were conducted at 28 days.





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