

Admixture Information (AI 2 MBS):

MasterLife[®] 300 Series Admixture Product Portfolio

Master Builders Solutions offers a portfolio of crystalline waterproofing admixtures to help provide watertight concrete structures. The MasterLife 300 series of admixtures, summarized in Tables 1, 2, and 3 meet the typical industry requirements for permeability-reducing admixture waterproofing performance and differ only in form, dosage, and packaging. Concrete producers have different product options to select from that are the most appropriate for their business operations.

Table 1: MasterLife 300 Series Permeability-Reducing Admixtures

Product	Form			Package			Performance					
	Powder	Liquid	Concentrate	Degradable Bag	Water-Soluble Pods in a Pail	Bulk and Tote	Pressure		Absorption	Sealing	Certification	
							DIN 1048	CRD C48	ASTM C 1585	Hairline Cracks	Meets ASTM C494, Type S	NSF Certification
MasterLife 300D	●			●			●	●	●	●	●	●
MasterLife 300D Red	●			●			●	●	●	●	●	●
MasterLife 300C	●		●		●		●	●	●	●	●	●
MasterLife 300L		●				●	●	●	●	●	●	●

Table 2: Recommended Dosages and Minimum Dosage Requirements.

Product	Dosage		
	% by mass of cement	Minimum lb/yd ³ [kg/m ³]	Gal/yd ³ [L/m ³]
MasterLife 300D	2.0%	12.0 [7.2]	
MasterLife 300D Red	2.5%	15.0 [9.0]	
MasterLife 300C	1.0%	6.0 [3.6]	
MasterLife 300L			1.25 [6.2]

Table 3: Packaging Summary for MasterLife 300 Series Admixtures

Product	Package	Code	Mass/Package lb [kg]	Tote gal [L]	Pods/Pail	Pail lb [kg]	Package/Pallet	Mass/Pallet lb [kg]	Pallet Size in. [mm]
MasterLife 300D	Degradable Bags	50305171	12.0 [5.4]				150	1,800 [816]	42 x 42 [1,067 x 1,067]
	Degradable Bags	50134433	24.0 [10.9]				80	1,920 [871]	43 x 42 [1,067 x 1,067]
MasterLife 300D Red	Degradable Bags	50246801	15.0 [6.8]				120	1,800 [816]	42 x 42 [1,067 x 1,067]
MasterLife 300C	Water-Soluble Pod	50001707	6.0 [2.7]		8	48 [21.8]	24	1,152 [522]	40 x 48 [1,016 x 1,219]
MasterLife 300L	Tote and Bulk	50001463	2,500 [1,134]	265 [1,003]					