



RESPEKT BC

Description: RESPEKT BioBooster/binder

RESPEKT BC is an APEO-free and zero VOC molecular solution of a mixture of a biological polyester reactant, organic oils, and surface-active agents with a renewable content of 100%, according to the C14 test.

Application: RESPEKT BC is intended as a binder/additive for waterborne dispersion paints and coating to promote higher renewability and increased performance.

Technical parameters:	Solids content, %	33%
	pH	7-9
	Brookfield viscosity, cP 20 rpm	5000 cP
	Glass transition temperature (°C)	79 °C
	Minimum film formation temperature (°C) (not applicable)	
	Water contact angle	90°C
	König Film Hardness, RH 50%, +23°C. 14d,(s) -	28 s
	Density (g/ml) -	1,013
	Shelf Life (Sealed container) -	12 months

Characteristics:	Appearance -	Cream colour (transparent)
	Odor -	Sweet



Technical Data Sheet & Product Specification

Technical Service: Durabilis Bio Solutions has trained and experienced field sales and technical service representatives ready to advise and assist with laboratory tests and plant trials.

Guide formulation:	Materials	%	Function
	Pigment grind	25	Water
	Titanium Dioxide	20	White pigment
	Kaolinite	2	Extender
	Eco Phyl	9	Filler
	Polyacrylic acid, sodium salt	0,5	Dispersing agent
	Surfactant	0,5	Wetting agent
	Binder and let-down		
	BC	42	Binder
	Cellulose, carboxylated	1	Thickener

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Values indicated in this data sheet describe typical properties and do not constitute specification limits.