

TECHNICAL DATA SHEET

PRODUCT NAME

DYNASEAL DS 100 RAW CONCENTRATE

MANUFACTURER

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PRODUCT DESCRIPTION

BASIC USE

Dynaseal Raw Concentrate Waterproofer is a concentrated, water-based, deep-penetrating formula designed primarily for waterproofing wood, concrete and masonry surfaces. Dynaseal is designed to be diluted with clean water for each part of Raw Concentrate as follows: retail ready to use product mix three parts water to one part Raw Concentrate solids 10%, Concentrate; mix one part water to one part raw concentrate solids 20%. Blend 10 minutes with electrical mixer. Packaging in 55-gallon drums, 208.20 liters, totes 330 gallons – 1,249.19 liters.

Dynaseal provides years of protection and does an exceptional job of limiting moisture ingress, as well as reducing fungal and microbial attack by reducing available moisture. Dynaseal is colorless and will not discolor wood, concrete or masonry. Dynaseal is available in clear and stained versions.

Dynaseal does not contain mercury, heavy metals or silica. There is an internal chemistry which is designed to facilitate bonding to wood and cementitious substrates. When Dynaseal dries on a substrate, it does not leach out or become hydrolytically unstable, however it may be removed by wearing the substrate away or by application of strong oxidizers. It may be painted over as soon as it dries.

It may be used below grade as a first application before topping with a waterproof coating recommended for below grade application.

PROTECTS WITHOUT BEADING

The advanced technology of Dynaseal penetrates surfaces and bonds to form a superior barrier inside the surface. Although beading may be less evident, this is the ideal application for the longest-term protection. Other waterproofers which merely sit on top of the surface will show beading but wear away more quickly, requiring regular re-application.

HEALTH AND ENVIRONMENTAL SAFETY

Dynaseal is non-flammable, non-toxic and is harmless to humans, animals and plants. Dynaseal contains ultra-low VOCs and no petroleum distillates. Dendritics has requested and received documentation that states this product contains no nitrates or phosphorous, nor does this product contain aluminum, arsenic, cadmium, chromium, copper, lead, nickel, zinc or any other metals. Materials treated with Dynaseal and immersed after drying show no leaching capacity and therefore, no toxicity to the system. The product bonds to substrates and is no longer soluble in water. Used within the label conditions, there are no constituents in the product of concern or levels that would impact water quality.

Physical Characteristics

Color	Milky White
Flash pt.	None
pH	7.4
Solvents	None
As Raw Concentrate lbs/gal	8.2
Specific Gravity	.976
Application Temp.	35°F/1.67°C and above
Solid Content	40%
Fire Proof	Class B

Recommended Uses

Wood (all types)	Decks, Fences, Docks, Piers, Roof Shingles, Shingle Siding, Wood Playgrounds, Planters, Furniture, Log Homes
Concrete	Walkways, Driveways, Curbs, Steps, Platforms, Loading Docks, Ramps, Floors, Parking Decks, Chimneys, Retaining Walls
Other	Stucco, Brick, Tile (unglazed), Granite,