

CASA PORTAL CHUKUM

20° 58' 31" N, 89° 37' 04" W.



CHUKUM BASE

TECHNICAL INFORMATION

Appearance Cream plaster
Residual Humidity: Max, 2%
Density 0.400-0.550 g/ml
Min. temperature 5 aprox. oc
Film formation ph ca. 7.5

PRODUCT DESCRIPTION

A premium powdered base composed of selected mineral fillers, re-dispersible polymer resins, cementitious components, and advanced chemical additives. The product is a free-flowing, cream-colored powder produced through spray-drying of an aqueous copolymer dispersion, ensuring consistent quality, excellent dispersion, and reliable on-site performance.

APPLICATIONS

Designed for high-performance thermal insulation systems, this product is ideal for use as both an adhesive and reinforcement layer. It is also suitable for flexible tile adhesive formulations and for enhancing cement-based substrates.

The formulation significantly improves bonding strength, flexibility, and durability while maintaining excellent workability and water retention.

KEY BENEFITS & FEATURES

- * Outstanding adhesion to common construction substrates including drywall (gypsum board), plastered surfaces, stucco compounds, and smooth to moderately textured finishes.
- * Combines high mechanical strength with long-term flexibility, reducing the risk of cracking.
- * Vapor-permeable, allowing substrates to breathe while maintaining coating integrity.
- * Easy to mix and apply, ensuring consistent results on site.
- * Cost-efficient solution for both residential and commercial applications.
- * Non-flammable and non-toxic, compliant with modern safety and sustainability standards.
- * Specifically engineered for tropical and coastal environments, where high humidity and salinity accelerate coating degradation.

CONTACT

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CHUKUM WATER

TECHNICAL INFORMATION

Color Red/Purple
Tone: Intense
Liquid: Foamy
Material: Biodegradable
Substance: No flammable or explosive

PRODUCT DESCRIPTION

A natural resin obtained through a controlled boiling process of the bark of the Harvardia albicans tree. Used as a functional additive and natural pigment, it enhances the aesthetic and performance characteristics of plaster-based finishes applied on walls, floors, countertops, swimming pools, and other architectural surfaces.

APPLICATIONS

Suitable for a wide range of architectural finishes, including:

- * Interior and exterior walls
- * Floors and slabs
- * Countertops and work surfaces
- * Swimming pools and wet areas
- * Decorative and functional architectural elements
- * Ideal for both residential and commercial projects where natural materials and long-term performance are required.

CHEMICAL COMPOSITION

A reddish-purple aqueous extract containing naturally occurring components of Harvardia albicans, including saponins, polyphenols, tannins, carbohydrates, minerals, and added stabilizing preservatives.

This balanced composition ensures consistent color, durability, and compatibility with cement-based systems.

COVERAGE / YIELD

One 20-liter container (or one 3.785-liter gallon diluted with 16.215 liters of water) covers approximately 10-12 m² (108-129 ft²), depending on the required plaster thickness and application technique.

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