



# IKAL CHUKUM



## TECHNICAL DATA SHEET



### PRESENTATION

Fine powder. 20 kg bag.  
Chukum water can 20L.



### PERFORMANCE

20kg bag. yield 2.5 - 5 m<sup>2</sup>  
(37.67 - 53.8196 m<sup>2</sup>)



### MIX

5L of chukum water per  
20Kg bag



### MAINTENANCE

It does not require maintenance. It is recommended to apply a soft polish every 4 years to prolong its life, use chlorine tablets in floats or in the special chlorine tablet tanks for swimming pools.



## DESCRIPTION

IKAL CHUKUM is much more than a brand of chukum style materials, it is an ancestral cement-based stucco, mixed with resins and powder additives. IKAL CHUKUM is a symbol of respect for the tradition and natural beauty of the Yucatan Peninsula. Our brand embodies the authentic spirit of chukum, an ancestral material that has been used for generations in the construction and decoration of homes, temples and sacred spaces. "Ikal Chukum" is the result of a deep love for Yucatecan culture, combined with a contemporary



## ACCEPTABLE SURFACES

Chukum Tulum can be applied over rock and durock, or any cement based surface, as long as the surface is sealed with a concrete additive or sealer, a base paste is applied prior to application, to avoid detachments, as well as on cast concrete. Adheres to fiber cement and gypsum panels. Suitable for application on sand-cement floors that have been previously leveled and filled.



## ADVANTAGES

High quality fine finish, resistance, impermeability and resistance, with excellent adhesion. Compatible with swimming pool systems, it can be constantly immersed in water. Reduces surface cracking due to thermal shocks. Moisture resistance, does not flake or dust with antifungal formula, ready to use, just add IKAL CHUKUM water. It can be applied in a variety of ways, from exterior walls to swimming pools, providing a versatile and attractive solution for a wide range of construction projects.

## PERFORMANCE

Thickness	Kg/m <sup>2</sup>	m2/bag
1.0 mm	4	5
2.0 mm	5.8	3.4
4.5 mm	13.33	1.5

## COMPOSITION AND PROPERTIES

**White cement:** Provides strength and durability to the finish.

**Fine limestone powder:** Adds texture and contributes to the adhesion of the mixture.  
**Chukum resin:** Extracted from the bark of the chukum tree, this resin is mixed with the above components to create chukum paste.

**Lime:** Traditionally used to improve the consistency and adherence of the mixture.  
**Additives and thickeners:** Incorporated to prevent cracking and improve the workability of the material.

**Moisture Resistance:** Perfect for wet areas such as swimming pools, bathrooms and exteriors.

**Thermodynamic and Acoustic Properties:** Provides freshness in hot climates and retains heat in cold climates, in addition to improving the acoustics of the space.

**Anti-Mold:** Naturally resistant to mold and mildew, ideal for humid environments.

**Unique Aesthetics:** Finished with natural veins, the colors vary according to the light, providing a handcrafted touch.

**Sustainability:** Ecological product, made with traditional Mayan techniques without the need to cut down trees.



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# IKAL CHUKUM

## SURFACE PREPARATION



Before applying the product, make sure that the surface is solid and firm, level, free of dust, grease, paint, oil, mold release agents, waxes or any other material that could interfere with proper adhesion.

Make sure the surface temperature is between 4 °C and 35 °C during application.

## ADDITIONAL REQUIREMENTS



Use trowel with rounded tip of recommendation, calculate well the times, since once the application begins, it is necessary to give the finish.



Prepare the amount of mixture to be used in less than 45 minutes, avoid adding water to wet the mixture afterwards.



If the substrate is very absorbent and the climatic conditions are very diverse, such as high temperatures, low relative humidity and strong winds, it is necessary to wet it previously, to avoid that the mixture loses its characteristics of workability and resistance.



For cast concrete walls, verify that the release agent used has not left residues in the area to be applied, if it is the case, carry out a deep cleaning and wait for it to dry.



It is not recommended to chop the area to create a mechanical anchorage of the product.



If the surface has recesses and deep imperfections, make a patching of them at least 1 hr. prior to the application of the first coat.

## COLOR AND FINISH

Currently, IKAL CHUKUM paste is used for the elaboration of architectural finishes in contemporary constructions. Its natural and authentic appearance makes it an excellent choice for those who prefer spaces with character and personality, whether it is a home, an office, a hotel or a spa. It is used as a final fine finish for various surfaces.

It can be applied on both exterior and interior surfaces, swimming pools, bathrooms, water mirrors, countertops, floors, etc. As a final finish in swimming pools or pools, IKAL CHUKUM due to its natural light color and the effect of reflection and refraction, generates a natural bluish green color in the water that can vary depending on the intensity of the tone in the finish. IKAL CHUKUM can be mixed with different pigments to create a wide range of colors, allowing the creation of customized designs and finishes.



## PRECAUTIONS



Keep out of the reach of children. In case of ingestion, do not induce vomiting and seek medical advice immediately. In case of contact with eyes, rinse with plenty of water and seek medical advice immediately. Mild skin irritant, wash with water and then with soap.

## INSTALLATION INSTRUCTIONS

The following instructions are general installation procedures and are for reference only in the use of the product. For reference in the use of the product. For this reason, a test application is required before using this product.

# 1

### Preparation of the area to be covered

Prepare the area where the mixture is to be applied, eliminating existing residues. All areas must be previously leveled and flattened, without cracks, fissures or holes, clean and free of any other substance that prevents a good adhesion. The substrates must have a certain degree of porosity, to allow the absorption of water and an adequate mechanical anchorage for the correct adherence of IKAL CHUKUM.

# 2

### Preparación de la mezcla

To avoid mishaps it is recommended to prepare the necessary buckets to, once it is ready, it should be poured into a completely clean bucket, mix with a bag of IKAL CHUKUM, use 5 liters of IKAL CHUKUM water, since water is what gives the properties to the product. The mixture has a time of use, with variation of the variables of each situation, a time of 60 minutes, to apply it.

# 3

### Application and polishing of putty

Before the application, it is recommended to apply adhesion promoter, to guarantee an adequate adhesion bridge, improving the workability and obtaining the streaks. To apply the first coat or base coat, spread the IKAL CHUKUM with the help of a metal trowel, preferably with a rounded tip. Spread the paste on the surface until it reaches the recommended thickness (5 mm), wait for the material to start its drying process, to apply the thinning layer.

# 4

### Post application treatment

It is recommended to polish with a metallic trowel, spraying the surface with IKAL CHUKUM water to obtain a burnished or polished finish, intensifying the color.

The advantage of IKAL CHUKUM is that it does not require maintenance. Each project has its uniqueness. Light and temperature influence the final finish.



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