

COSMOCLAY GREEN

Natural clay for mud therapy

INCI Name: Bentonite

Description

Cosmo clay GREEN is a natural clay, it shows a good hydrologic **disperdibility** and **plastic index** that form a great stable and constant stratigraphy mud.

Incorporation method

Incorporation method derives from all Thermal Institutes where there is Medical Hydrology. It is constituted by the following phases:

1. The **Cosmo clay GREEN** is sprinkles on the water surface in the specific tank with 25% wt of thermal water.
2. The first part of **Cosmo clay GREEN** on the water surface is allowed to swell and to deposit on the bottom of the apposite tank.
3. The **Cosmo clay GREEN** and the thermal water are added step by step in order to obtain the rightly consistence of the mud.
4. When the **Cosmo clay GREEN** is all added, the system is allowed to grow up for 50/60 days. The system is stirred occasionally and in the quiet phase the hydrate **Cosmo clay GREEN** have to overlook the 10 cm layer of free water.

Packaging

Cosmo clay GREEN is available in 25 kg bags on 1250 kg each pallet.



		Cosmo clay GREEN	
Chemical-physical characteristics (typical value):			
Moisture	[%]	8-12	
pH (suspension 2% wt)		8-8,5	
Swelling	[ml/2g]	7	
Granulometry, dry residue over 75 µm	[%]	max 10	
		Cosmo clay GREEN	
Chemical analysis (typical)		[%]	
Na ₂ O		0,28	
MgO		4,06	
Al ₂ O ₃		16,48	
SiO ₂		59,94	
P ₂ O ₅		0,17	
K ₂ O		0,63	
CaO		4,48	
TiO ₂		0,53	
MnO		0,07	
Fe ₂ O ₃		5,24	
LOI		8,14	

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