



WHYTAL
TECH PVT LTD
www.whytaltech.com



WHYTAL
GYPSUM PLASTER

Forget about Sand, Ciment, Putty
You only need **Whytal Gypsum Plaster**



Why Whytal Gypsum Plaster?

Introducing you to the faster and economical way of building your dream project

With the use of advanced technology in construction of buildings the greatest challenge that we face is that of the availability of raw materials. With the introduction of whytal plaster which is evolving with the fast pace market by using fewer resources and increased efficiency with thermal insulation acting as a climatic insulator by maintaining the room temperature at lower energy cost. We have introduced you to an evolutionary building idea from the age of Egyptian pyramids.

Whytal plaster is a material of high compressive strength with easy application which is of a pre-mix and water is only needed to be added to prepare the mix. Whytal plaster is being approved by CII-1GBC for consideration towards green building rating system (LEED) point. Whytal plaster can be used to create granites, concrete walls, various kinds of bricks and even laterite stones.

By using whytal plasters the initial use of cement and sand can be reduced to a considerable level also the use of putty, white cement can be eliminated completely. The use of whytal plaster is cost-efficient up to 30% on the construction cost with increased speed which could result in reduced dependence on extra labor.

During the past 15 years, about 1000 buildings were built throughout Kerala with better satisfaction rates and happy customers.

Technical Detail of Whytal Plaster

PRODUCT/PARAMETERS	WHYTAL PLASTER
COVERAPE PER	15-30 MINITUES
COMPRESSIVE	56-60 KG/SQ.CM
COMPRESSIVE STRENGTH	30-35 KG/SQ.CM
BULK DENSITY	0.85-0.9GMS/CU-CMS
MODULES OF RATION (KG PER CM2)	40 KG/SQ.CMS
CONSISTANCY (WATER:PLATER RATIO)	(65 ML-70ML) 100 GM

Our Laboratory test results

(As per IS-2547 Part-1-1976)

From: GEO Chem Laboratories (p) Ltd.
International Independent Insoection & Testig Company Test as
per IS-2547 Part-1-1976 (Chemical Test)

TEST	MERHOD	RESULT
SULPHER TRIOXIDE (SO3)	IS-1288	40.65%
CALSIUM OXIDE (Ca0)	IS-1288	31.03%
SODIUM OXIDE (Na20)	ICP	0.062%
LOSS ON IGNATION AT 300C	IS-2547	5.50%
FREE LIME	IS-2547	NIL
RESIDE ON 1.18MM IS SIEVE	IS-1607	NIL

Remarks: Conforms as per the requirement of chemical composition in table
1(3) and (4) of IS-2547 (Part-1)1976



Durability

Whytal plaster does not contain any harmful chlorides which makes the product 100% reliable with greater durability. Due to this reason the product is said to last more than a life time. Even the Egyptian pyramid has used gypsum to construct during those periods.

Crack resistant

Gypsum does not leave cracks or shrinkage unlike cement when it gets settled. The bonding power of gypsum is higher than cement which makes it stronger. Due to the flexibility advantage that the Whytal gypsum exhibits, the product is resistant to small shakes & movement.

Thermal insulation

The property of Whytal gypsum give a Thermal insulation which helps in resistance to heat and adverse climatic conditions to an extent. Through research studies it has been found that BS 874:1973 appendix-C, class-A in accordance to DIN 141021 the thermal conductivity is 0.2w/mk. According to BS 476:1970 class 0 gypsum contains crystal like formation water content which act as a protective layer that helps in resisting heat and fire.

Minimal usage of water

Unlike conventional method, there is no need for repeated watering over the gypsum once applied. It has a property of self-settling and is easy to apply. To a large extend Whytal gypsum can save your time, money and labour.



Presenting to you the
Whytal Gypsum Plaster
which replaces the need for river sand,
putty and cement

Chemical free, anti-fungal and moss free

By using cement the main disadvantage that the people face is through various kinds of diseases such as cancer, respiratory diseases, and allergies due to the harmful chemical CONTENTS WHICH can be avoided through the use of Whytal gypsum plaster. Gypsum is also resistant to Growth of Mould and Fungus. Schools and hospitals have started using gypsum plaster due to the same reasons.

Easy Application

Whytal gypsum plaster is available in 25 kg packs which only needs water in order to prepare the mixture. A labour with sufficient experience can finish their work easily saving time,effort and money with the use of Whytal gypsum plaster which gives a perfect finish with just one layer of coating.

Industry edge quality

Whytal gypsum provides you with best quality products with the industry edge standard being your best partner to build your dream home. This provides you with the fine finishing and enhanced beauty to your paints and wall papers.

Productivity

Get higher productivity up to 20% with the all new Whytal gypsum with both labour and Raw materials. Now do your dream project faster and economically.





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Conventional Methods of Plastering

Sand is a very essential component.

Plastering leads to irregular surface which brings in a need to use putty over it. This is an added expenses.

Watering the plastered surface before and after settling putty is needed.

The settling time takes up to 60-120 minutes.

The probability of breakages and cracks are higher.

Uneven refilled area could be visible.

When using conventional method of plastering putty is to be used on top for finishing.

After plastering to paint these walls about 2-3 coat of primer is necessary.

Number of steps and procedures are towards the higher end which could lead to increased cost, man power and time.

Whytal Gypsum Plaster

There is no use of sand

First layer of gypsum plaster itself brings the fine smooth finishing.

Other than with the mixture no water or watering is needed to the surface.

Within 30 minutes the surface gets settled which in turn saves our time.

Once gypsum is settled there is no chances of crack and breakages over the wall.

Gypsum leaves the surface smooth and finished even after layers of refilled coating.

Using Whytal gypsum leaves you with pure white finishing which gives us a soothing effect to our eyes and mind.

Paint could be directly applied on top of the Whytal gypsum.

Just one step procedure which makes this product economical and efficient way of building your aspiring project.



Gypsum Plaster

Majority of the gypsum powder which you get currently in the market do not have any certified grading. They are usually used for the purpose of making moulds or gypsum boards.

The gypsum which is currently available in the market is usually a mixture of marine gypsum or phosphate gypsum. These cheap materials are not at all recommendable for plastering.

The gypsum available in the market might be bought at a cheaper rate which could eventually lead to compromising the strength of your building.

Inconsistent labourers and non-availability of service centres often lead to difficulty in finding good support and services for your building.

Small scale dealers tend to prefer cheaper products for increased profits often compromising in the product quality standards in the long run.

Whytal Gypsum Plaster

Whytal gypsum is a product specially created for Plastering. Whytal tech pvt ltd is the only company in Kerala which provides you with imported graded Gypsum with class one quality.

Whytal gypsum is a product that is fully natural (Minerals) which gives out the best results. The company itself gives a life time warrantee for its best quality that's can be showcased.

From the day Whytal gypsum is used till the lifetime of your building Whytal gypsum provides you with the exclusive guarantee for its product and services.

Service centre (company dealers) all over Kerala are available with labourers expertise in their fields.

Whytal gypsum is one of the best gypsum available in the market which has over 15 years of industrial experience over India making it the best choice to build your dream project.



- Lifetime Material Warranty
- Experienced labours
- Dealership all around Kerala



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