



Silpoz is a combination of Engineered - Artificial - Plaster - Sand and appropriate additives to impart excellent workability at low cement consumption to ensure crack - free Internal and External plaster with desired strength.

SILPOZ IS THE FUTURE OF PLASTERING...

If it is not in SILPOZ, it does not exist.

Technical details of Silpoz

- Volume of 1 bag = 1.135 CFT (approx.)
- Bag weight = 50 kg (when packed)
- DLBD = 1525 kg/m³ or 1.525 kg/litre
- Packaging: HDPE bag

(Sand used will confirm to IS 1542:1992)

- F.M. = 1.8(±) 0.4
- Sand size = - 3.0 mm
+100 microns
- Silt = < 10%

How to use Silpoz

Mix thoroughly **8 bags of SILPOZ (50kg each)** with **1 bag of cement** (preferably OPC 53) and required water (90 Lit. approx) in a mixer to prepare a plaster mortar. This quantity of material will give a **coverage of 185 Sq.ft.** for a 16 mm thick plaster.

Storage:

We recommend not to Store Silpoz under direct sunlight or rainfall. The packaging material may get damaged due to heat. And, the fines may get washed out if exposed in the rains.

Cost comparison Table

For Mumbai Market

| CRITERIA | SILPOZ | RIVER SAND | READY-MIX |
|---------------------------|--------------------|---------------------|------------------------------|
| Cost(Rs.) | 120/Bag of 50 Kg | 100/40 Kg. | 200/Bag of 40 Kg. |
| Application (Rs.) | 1 Cement: 8 Silpoz | 1 Cement:200Kg Sand | Direct |
| Cement/Bag (Rs.) | 250 | 250 | No additional cement |
| Total Material Cost (Rs.) | 1210/- | 750 | 200/- |
| Extra Costs | None | Wastage & handling | High Storage cost and others |
| Coverage* (Sq.Ft.) | 185 | 60 | 14 |
| Cost/Sq. Ft. | 6.54 | Rs. 12.50 | Rs.14.29 |

Benefits of Silpoz

1. Better Workability is guaranteed.
2. Rich material imparts ease to masons to mix and use without rebound loss.
3. Thinner plaster guarantees much better coverage and crack-free surface.
4. No cracks are generated as additives reduce the Hydration Heat of cement.
5. Excellent for Internal & External Plastering.
6. Excellent Strength due to cubical shape of the particles.
7. Available round the year.

Impurities in River Sand and Silpoz

| Particulars | River Sand | SILPOZ |
|---------------------|------------|--------|
| Marine Products | 2 - 4 % | Nil |
| Oversized Materials | 10 -30% | Nil |
| Clay & Silt | 5 -20% | Nil |



Vastu and River sand

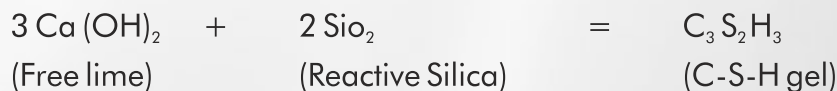
As per Vastu Shastra, the building material must be free from traces of human or animal body. The river sand contains bones of human beings and animals. The Shells are also a kind of bones. Its is not easy to take out all such things presents in the river sand.

Manufacturing Set - up:

Group company owns huge quarries of stone to ensure uninterrupted supply of sand in bulk through German VSI. Imported Sand washers, Weigh-batchers, Mixers and Packaging machine are used to manufacture SILPOZ @ 1000 TPD in the 1st Phase.

Chemical Reaction

During the Hydration of cement, free Lime is generated which combines with the reactive silica of Silpoz to produce C-S-H gel which is responsible for the extra strength.



Call : +91 96876 26693

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NISHU CHEMICALS LTD

An ISO 9001:2008 Certified Company

409, Ashirvad Paras, Nr. Prahlad nagar Garden, Corporate road, Satellite,
Ahmedabad- 380015, Guj.,INDIA

Tele / Fax : 91 79 4008 1439/49 E-mail : mkt@nishugroup.com

