THERMOPLAST

CONTROL OUTSIDE HEAT BY USING

THERMOPLAST

(SAND TYPE INSULATION MATERIAL)

VEER
ENTERPRISES

THERMOPLAST

Thermoplast is an aggregrate which is the latest substitute of sand for plaster of old and new buildings for roof and walls .

ADVANTAGES OF THERMOPLAST:

- Creates a thermal blanket around a building and acts like an insulating facade .
- It gives cool interior during summer and warm interior during winter.
- They reduce the energy (air conditioning and heating cost) saving cost of electricity.
- Thermoplast can withstand a temperature more than 1000 c. Once the building is completely plastered using Thermoplast, it becomes fire resistant.
- A 16 mm of Thermoplast on a wall would provide a heat barrier which would be equal to having a double wall.
- Thermoplast weighs approx 60% less than ordinary sand plaster which increases life of a building.
- Thermoplast reduces sound transmission between partitions.
- It can be used to insulate existing as well as new buildings.
- Higher value of building in real estate market.
- Long live durability.
- Economical and Eco friendly.

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PROCEDURE OF USING THERMOPLAST

- THERMOPLAST FOR WALLS

It is recommended to mix Thermoplast cement by volume 4:1, I.e., 40kg cement with 10kg Thermoplast.

- THERMOPLAST FOR ROOF

It is ideally recommended to mix Thermoplast cement by volume 3:1, I.e., 30kg cement with 10kg Thermoplast.

STEP-WISE APPLICATION OF THERMOPLAST FOR ROOF

Step 1 : The surface must be cleaned with water thoroughly. Use wire brush to remove all the fungus, dirt etc. The surface may be slightly chipped for better grip for this THERMOPLAST Plastering.
Step 2 :- Splash grout on the surface. Apply the THERMOPLAST Plaster on surface and place hard the plaster for better compaction and grip.

STEP-WISE APPLICATION OF THERMOPLAST FOR WALL

Step 1 : Like conventional plastering, the surface must be cleaned with water and the surface must be moist.
Step 2:- Splash grout on the surface. Push apply the THERMOPLAST Plaster on surface and place hard the plaster for better compaction and grip.

CURING

Proper curing is very important after plastering for the proper performance of THERMOPLAST and hence keep the plastering moist for at least 2- 3 weeks.

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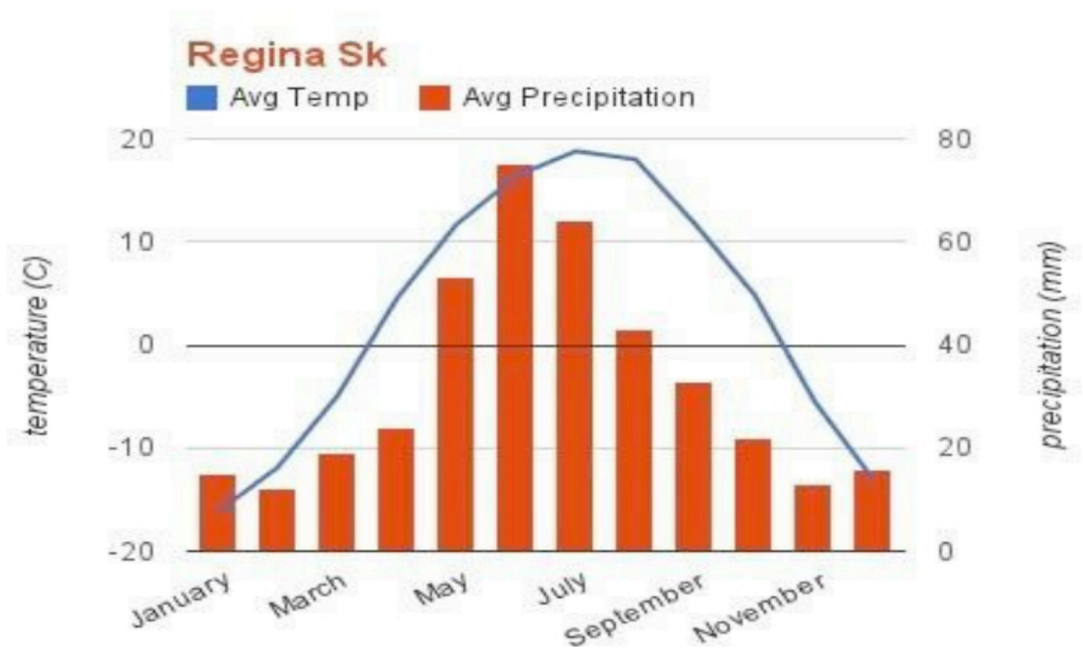
WHY THERMOLPAST IS IMPORTANT?

Reduce Electricity Bill



Maintain Interior Climate

Fire Resistant

Sound Resistant

Light Weight

Economical

Permanent Solution

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COMMON PROBLEMS FACED

- Cracks
- Leakage/Seepage
- Spelling
- Faster Ageing of Building

REASONS

Mechanical and Physical properties of building structures are suddenly deteriorated to the Excessive Heat Absorption of Building Structure. In Usage of materials such as sand, Rock Sand etbat absorbs large amount of thermal energy add to the problems.

The influence of excessive heat on the concrete structures are :

- Stress and Strain characteristics increases thus leads to loss of stiffness in concrete.
- Modulus Elasticity decreases causing cracks in concrete.
- Compressive Strength decreases leads to loss of structural integrity thus negatively affect the load bearing capacity.
- Tensile Strength decreases leads to cracking.
- Shrinkage and creep increases resulting cracks.
- Concrete Steel reinforcement Bond Strength decreases.
- Radiation Shielding Effectiveness decreases.

SOLUTION

Plaster/Screed your valuable structure with THERMOPLAST and get rid of all the problems almost completely. THERMOPLAST also protect moisture absorption hence substantially reduces the corrosion in the reinforcement steel, increasing building life.

" THERMOPLAST makes your building structure remain strong in all weather and provides the building interior cool during summer and warm during winter."

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