



SATTVA
— CONCEPT TO CREATION —

Reduce Temperature
Upto 12-15° C



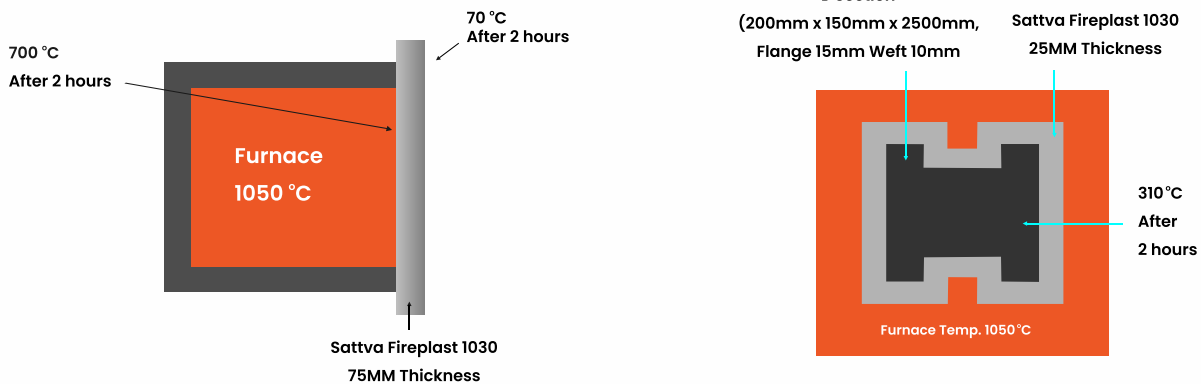
Building ka
Super Hero

SATTVA
FIRE PLASTTM

Key Benefits:

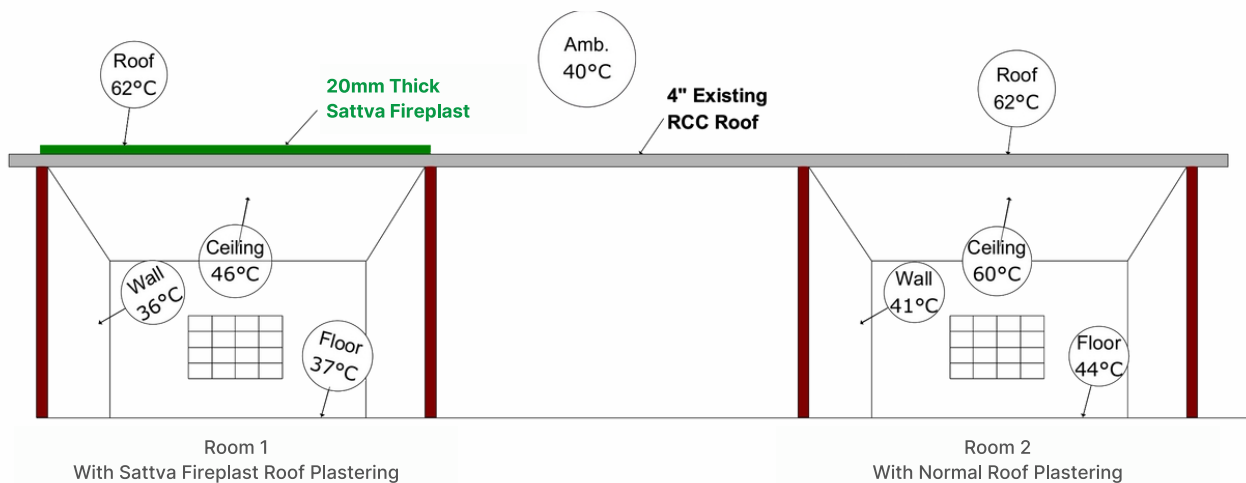
- Thermal Efficiency:** Excellent thermal insulation reduces electricity consumption.
- Light weight:** Ultra light weight yet robust material.
- Fire Resistance:** Exceptional fireproofing 1250 °C with zero smoke and fumes.
- Termite and Vermin Resistant:** Provides lasting protection against pests.
- Seepage Protection:** Prevents water seepage, improving the longevity of interiors and protecting furniture.
- Low Shrinkage:** Ensures crack-free finishing, even under extreme weather conditions.
- Non-Toxic and Odorless:** Safe for residential, commercial, and industrial spaces.
- Weatherproof:** Performs effectively in diverse climatic conditions.
- Enhanced Surface Finish:** Provides a smooth and durable finish for aesthetic and functional applications.
- Durability:** Resistant to weather effects, spalling, and water permeability.
- Acoustic Properties:** Improved soundproofing for quieter spaces.
- Eco-Friendly:** Certified as a green product.
- Versatile Adhesion:** Suitable for spray or plaster application.

Furnace test :





The 'K' Value of Sattva Fire Plast 1030 is $0.15 \text{ W/m}^\circ\text{C}$ - The 'K' Value of Sattva Fire Plast 1045 is $0.13 \text{ W/m}^\circ\text{C}$
 The 'K' Value of Conventional Plaster is $0.75 \text{ W/m}^\circ\text{C}$

Case Study : Thermal effect of 20mm Sattva Fire plast



Mixing Instruction :

Code	Water	Use For	Approximate Compacted Volumetric Yield
FRP 1030+ and FRP 1030		9 to 11 Litres	Plaster Mix $\pm 0.31 \text{ m}^3$  93 Litres
		8 to 10 Litres	Screed Mix $\pm 0.031 \text{ m}^3$  31 Litres
FRP 1045		8 to 10 Litres	Plaster Mix $\pm 0.31 \text{ m}^3$  93 Litres
		7 to 9 Litres	Screed Mix $\pm 0.031 \text{ m}^3$  31 Litres
HRP 1060		7 to 9 Litres	Screed Mix $\pm 0.035 \text{ m}^3$  35 Litres
HRP 1100		7 to 9 Litres	Screed Mix $\pm 0.035 \text{ m}^3$  35 Litres

How to use



Sattva Fire Plast

+



Water

+



Mix Proper

=



Ready to Apply

Product Grid	FRP 1030+ / 1030	FRP 1045	HRP 1060	HRP 1100
Drying Shrinkage (%)	0.16	0.19	0.14	0.12
7 day ISO flexural strength (Mpa)	1.9	2.0	1.1	-
28 day ISO flexural strength (Mpa)	2.7	2.5	1.3	-
7 day ISO compressive strength (Mpa)	5	5.2	3.9	-
28 day ISO compressive strength (Mpa)	7.5	6.3	2.9	-
7 day 100mm cube strength (Mpa)	7.3	6.9	3.1	0.8
28 day 100mm cube strength (Mpa)	10	8.7	4.3	1.4
Wet Density (kg/m ³)	1150	1000	800	700
Dry Density (kg/m ³)	900	650	450	350

Lower The Water Content and Get Better Result

Typical Plastering Yield

For internal/external wall and ceiling plaster - Sattva Fireplast at 12mm thickness is 25-28 sq. ft. in a bag and for roof plaster (Screed) - Sattva Fireplast at 24mm thickness is 14-15 sq. ft. in a bag



SATTVA
— CONCEPT TO CREATION —

IGNITE YOUR IMAGINATION

ELEGANT PROTECTION, FIREPROOF PERFECTION!



Building ka
Super Hero



India's Only Fire Proof
And Heat Resistant Plaster.
Reduce Temperature
Upto 12-15°C.

SATTVA FIRE PLAST

FRP1030 / FRP1045 / HRP1060 / HRP1100



Specially Designed,
Silica, Selected Fiber,
Polymer Added Block
Jointing mortar for
AAC Block.

BLOCK JOINTING MORTAR

HS/MS



Sand Base, Polymer Added
Dry Plaster For Superior
Strength & Finishing For
Wall & Ceiling Plaster.

READY MIX PLASTER

RMP20 / RMP20+ / RMP25



Specially Designed For
Ceramic, Vitrified, Marble,
Granite Grouting/Joint Filling.

EPOXY GROUT

Normal & Sparkel



Specially Designed
and Polymer Modified
Fiber & Additives added Tile
Adhesive for Floor & wall.

TILE ADHESIVE

TB405 / TB415 / TB425 / TB525



Pure Acrylic Polymer
Based high Performance
Multi Purpose
Waterproofing Chemicals.

AFL-55 (SBR)



SATTVA
— CONCEPT TO CREATION —

Labh Buildchem Pvt Ltd,
info@sattvafireplast.com
Mob.: +91 9106444657

Office Address

D502, Vakratund Residency,
Uma Vidyalyaya Road,
Tarsali, Vadodara - 390009 (Guj.)

Factory Address

Hansapura, Opp. Fartikui,
Nr vega chokdi,
Dabhoi Vadodara road,
Vadodara - 391107

