

Leap into Green



motivation's
mfvTM
xfoliated vermiculite

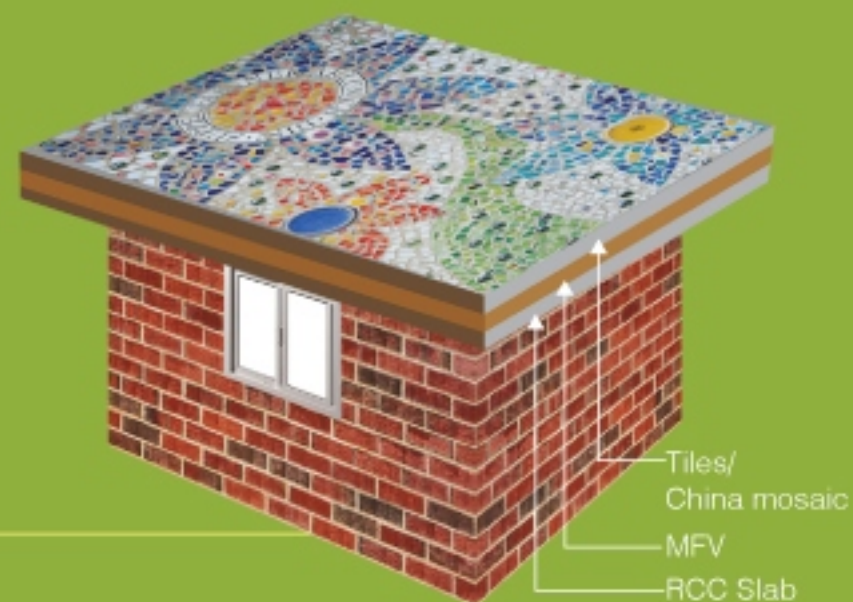
100% Natural Insulation

Applications

must for quality construction of Bungalows & Apartments, Office buildings, Multiplexes & Malls, Hotels & Hospitals, Academic Institutes and Factory buildings etc.

Reduces unwanted heat flow, making living comfortable

Reduces the Airconditioning power consumption upto 30%



Thermal Insulation • Acoustic Treatment • Fire Resistance

Over Deck Insulation with mFV

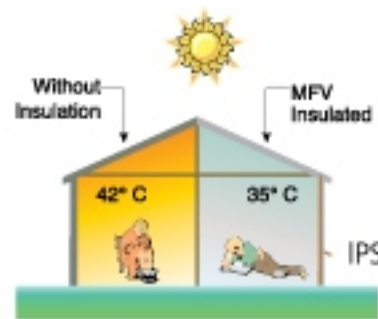
'mFV-Ex', foliated Vermiculite is 100% natural, non - fibrous, light weight material, widely used for THERMAL insulation, ACOUSTIC treatment & for FIRE resistance. mFV consists of accordion like granules, containing microscopic layers, which gives optimum insulation properties, resulting in an overall temperature differentiation of about 8 - 10 deg.C within the building. 'mFV' is to be mixed with cement in 6:1 ratio by volume and requisite water.

A 50-300mm thickness of the 'mFV' mixture is recommended, depending upon the required results. The 'mFV' layer shall be further covered with Tile / BBC / China mosaic etc.

A maximum upto 30mm layer is recommended in a 4:1:1 ratio for side walls.

'mFV' can be used for as loose fill in cavity wall/false ceiling. It gives best result for such application.

This is the Architect's natural choice for Green - Energy Efficient building such as Bungalows, Apartment, Office and all types buildings etc.



Acoustic Treatment with 'mFV.Ac'

'mFV-AC', is a ready mix of vermiculite, special polymers, binders and white / grey cement. This is widely used for acoustic treatment with highly satisfactory results. Up to 30mm thickness in multiple layers can be applied to walls, ceilings by either manually or mechanized.

This is the Acoustic Engineer's natural choice for demanding applications such as Auditorium, Theaters, multiplexes, Halls and Hotels etc.

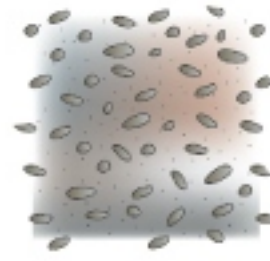


IIM, Ahmedabad



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Torrent Research Center

Properties

Centering temperature	about 1260°
Specific Gravity	2.6
pH Value	7.0
Thermal Conductivity, BTU in Skft/hr/F	0.45
Thermal Conductivity, K Value - watt/M. calvine	0.06
Bulk Density	6kg.cft.(±10%)

Physical Characteristics of mFV

- Chemically inert
- Fire Resistance
- Flaky Material
- Non abrasive
- Porous-Light weight
- Rot Proof

Area	Thikness (± 10%)	Qty. (mFV)	Qty. (Cement)
A/c Area	115mm	2.75kg.	2.75kg.
Normal Area	75 mm	1.65 kg.	1.65 kg.

Ratio : mFV: Cement : 6:1 by Volume.

Note: mFV density is considered at 210 Kg/M³

Few Legendary Projects

Ahmedabad Management Association, Arvind Mills Ltd., Akshar Dham, Hussain Doshi Gufa, Bakeri Engg. & Ind. Ltd., Cadila Zydus Group, Claris Lifescience Ltd., City Pulse Theater, City Gold Theater, Drive-In Theater-Surat, Dishman Pharma Ltd, Fortune Landmark Hotel, Holiday Inn Rajkot, IIM Ahmedabad, Krishna Heart Institute, Marwar Hotels Ltd., Mercedes-Benz Show-Room, MICA, Nirma Ltd., Scanpoint Graphics Ltd., Swaminarayan Gurukul-Ahmedabad, Tapovan School- Koba, Torrent Pharma Ltd., ...and many more



Uday Vilas Palace



Hussain-Doshi Gufa

