

mEVTM

100% Natural Insulation

Reduces unwanted heat flow, making living comfortable.

Reduces the Air Conditioning power consumption upto 20 to 30%.



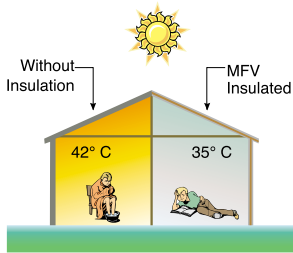
motivation's
mEVTM
xfoliated vermiculite

Thermal Insulation • Acoustic Treatment • Fire Resistance

Over deck insulation with mFV

'mFV' Ex foliated Vermiculite is a 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 Tiles/ IPS / BBCC / China Mosaic etc.



A maximum up to 30mm layer is recommended in a 4:1:1 ratio for sidewalls.

'mFV' can be used 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 Building 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. Upto 30mm thickness in multiple layers can be applied to walls, ceilings by either manually / mechanized.



City Gold Multiplex

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



Torrent Research Center

Properties

Centering temperature-Deg. C	about 1260
Specific Gravity	2.6
pH Value	7.0
Thermal conductivity, BTU in stf/hr./F	0.45
Thermal conductivity, K value-watt/M. calvine	0.06
Bulk Density	6kg.c.ft. (±10%)

Physical Characteristics of 'mFV'

- Chemically inert
- Fire resistant
- Flaky Material
- Non abrasive
- Porous- light weight
- Rot proof

mFV's Applications

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

Few Legendary Projects

Ahmedabad Management Association, Arvind Mills Ltd., Akshar Dham, City Gold Theater, Hussain Doshi Gufa, Drive-In Theater-Surat, Dishman Pharma Ltd., Fortune Landmark Hotel IIM, Ahmedabad, Krishna Heart Institute, Mercedes-Benz Show-Room, MICA, Nirma Ltd., Paras Pharmaceuticals Ltd., Torrent Pharma Ltd; and many more



IIM, Ahmedabad



Uday Vilas Palace



Hussain-Doshi Gufa



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