



Comparitive Study

The added value of using THERMATEK®

Thermatek® Heat Resistant Terrace Tiles	Reflective Coatings	Puf, Thermacole and other porous insulators
Installed quickly and safely with basic tools - no disruptions, hazardous materials, noxious fumes, hot tar or mess	Staggered application schedule	A highly refined installation process that relies on dependable, trained and skilled workforce
Good workability, application and installation - good grab, non-slip	Poor workability and application - high slip, long open time	Poor workability and application - their running, their grab
Ideal for RCC roofs and for bases including screed concrete	Ideal for sloping roofs and cement sheet roof sheds	Ideal for roofs but with screed cover only
No laitance, dust and chemical contamination on the roof substrate	Laitance on the roof substrate	Greater laitance
Hard wearing	Easy wearing	Invisible and pervasive wearing
Moisture resistant with wet traverse strength at more than 6N/Sq.mm	Wet traverse strength less than 3N/Sq.mm	Wet traverse strength hardly 2N/Sq.mm
Stay almost clean and exhibit dirt pick-up resistance	Clear impact of dirt or stain	Clear signs of compressive deformity of the material due to the cover load
Survive tough challenges of accelerated and real-time weathering	The drawback of accelerated weathering	The drawback of both accelerated and real-time weathering
Surface property does not deteriorate with age	Surface property deteriorates with age and wear	Surface develops undulations with age and wear
Impervious with high degree of resistance to abrasion and foot impact	Least resistance to abrasion and foot impact	High degree of foot impact
Resistant to fire and high winds	Not resistant to fire and high winds, save few products conforming to European Product Standards pr EN 13162 through prEN13172	Not resistant to fire, save products falling in EuroClass D-E
Easily maintainable in a sterile condition with occasional mopping	Great challenge of maintenance entailing greater frequency of re-coating	Difficult to maintain in a sterile condition
Keeping cool over a long life-cycle - not just the first or second year, but for decades.....	Average loss of 24% to a reflectance of 0.63 after 3 years	Observable and measurable effect on the initial and aged thermal insulation performance - the result can be as much as 23% difference

THERMATEK®

HEAT RESISTANT TERRACE TILES

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