

The many benefits of our product line

Fire Resistant

Mineral wool insulation will not burn or support combustion, it is therefore, a safe surface for torch applied membrane applications.

Environmentally-Friendly

Mineral wool boards have approximately 40% recycled content (steel slag). They are chemically and dimensionally stable, are safely disposed of, and do not give off toxic gases or deadly fumes when subject to fire.

Stable R-Value

Having no gaseous blowing agents, the initial R-value is also the aged R-value. Mineral wool boards have a stable R-value of 4 per inch (RSI 0.70 per 25 mm).

Resist Mold, Fungi & Bacteria

As mineral wool is non-organic, there is no support for bacterial or fungal growth.

Non-Corrosive to Steel Decks

Being slightly basic, (pH9) mineral wool boards pose no corrosion threat to metals.

Sound Absorbent

Mineral wool boards, being fibrous insulation material, absorb sound extremely well. As they are comparatively dense, (11/lbs per cubic ft) their resistance to sound transmission is excellent as well.

Can Eliminate Thermal Bridging

Choosing the Thermochech option will allow for mechanical attachment of the insulation without thermal bridging of the insulation system.

Moisture Resistant

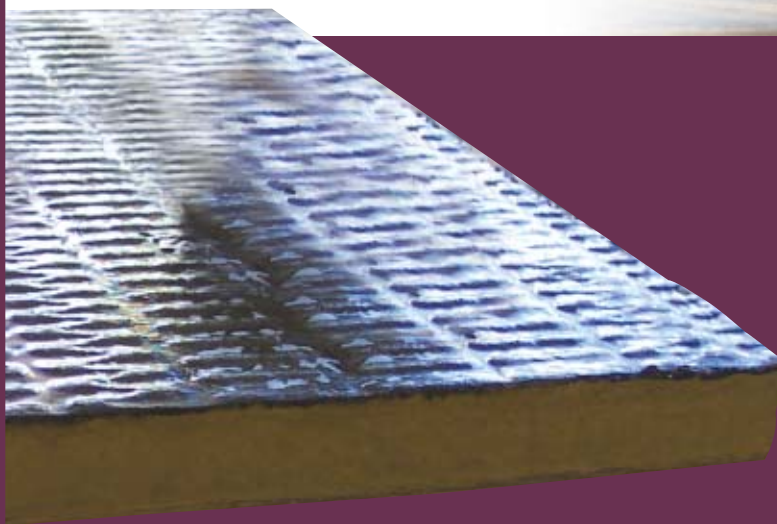
Moisture has no adverse effect on mineral wool, moisture absorption is very low @ < 1.1% by wt. (ASTM C 209). The binders in Protec products are waterproof.

Dimensionally Stable

Mineral wool boards not being extruded, foamed, or expanded, have no stresses built into the product, and as fibrous materials, are extremely stable. (Linear shrinkage < 0.19% ASTM C 356)

Will not burn

Mineral wool board is non-combustible, and with a melting point far above normal fire temperatures is virtually indestructible. It will not therefore add fuel to an existing fire, as most other insulation materials will.



ProtecR lasts forever and...

- will not burn
- is resilient, roof traffic will not break bond between insulation and skin
- non-corrosive, resistant to mold, fungi and bacterial growth
- will not warp, bow or move on the roof

Torching of Modified Bituminous Roofing

- is the most cost effective method of application
- allows for roofing application in the coldest weather
- has established itself as yielding a superior modified roofing membrane
- is the most environmentally friendly method of application
- is not associated with any objectionable odours

