

System Data Sheet

ROCKDeck By TaperedPlus

High performance non-combustible insulation system for use in warm roof applications

TaperedPlus's ROCKDeck System is a non-combustible, insulation system specifically designed for balconies, terraces, and plant room roofs. It is also an ideal solution for roofs that have roof mounted equipment and requires a non-combustible insulation system below, such as Solar and PV (photovoltaics).

The system comprises of a 12.7mm coverboard, 1220 x 2440mm, layer classified as A1 non-combustible in accordance with BS EN 13501-1, compatible with a wide range of waterproofing membranes and a Dual Density non-combustible insulation underlay, tested to withstand point loads and permanent loads.

The system is compatible with a wide range of waterproofing membranes and offers designers and specifiers a robust, non-combustible insulation system.



System Components

Spreading layer with A1 non-combustible classification

The 12.7mm thick roof, coverboard layer has glass mat facings that are embedded into a water / moisture resistant treated gypsum core with a pre-primed surface, aiding waterproofing membrane adhesion. The unique composition offers excellent fire resistance, moisture resistance, and wind uplift properties.

Dual Density Insulation underlay

Non-Combustible, mineral wool, warm deck insulation with unique Dual Density technology providing unrivalled compressive strength performance for material of this nature.

Key benefits

- Non-combustible
- Point Load Performance
- Easy handling
- Easy cutting

Performance

Fire Performance

Coverboard: A1 (non-combustible) in accordance with BS EN 13501-1

Unfaced Insulation: A1 (non-combustible) in accordance with BS EN 13501-1

Faced Insulation: A2-s1, d0 (non-combustible) in accordance with BS EN 13501-1

Point Load

Tested to EN 12430:2013 and EN 1606:2013 for point load performance and can be recommended in most circumstance for use on balconies, terraces, plant room roofs and roofs that have roof mounted equipment, such as Solar and PV (*for details on the results achieved please contact TaperedPlus*).

Installation

For fully adhered, partially adhered, and mechanically fastened assemblies.

The ROCKDeck system should be neatly fitted to all roof penetrations and projections.

No more should be installed than can be covered with membrane and completed before the end of each working or before the onset of rainfall.

The ROCKDeck system is suitable for new build and refurbishment projects.

Storage

Store Level and Keep Dry. Dewpoint or other conditions causing the presence of moisture can damage the product during storage. Store away from incompatible materials such as acidic components.

Falls

The ROCKDeck system is available in falls of 1:80, 1:60, 1:40, 1:30 and as a flat system. For tapered scheme layouts, please contact TaperedPlus's design department for industry leading drawing turnaround times and technical advice.

For more information please contact a member of the technical team at TaperedPlus:

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