

Multi-layer covering

Field of the Invention

This invention relates to a multi-layer covering and in particular to a covering for a wall, ceiling floor, roof or the like of a building or other structure. The invention
5 also relates to a method for covering a wall, ceiling, floor, roof or the like by applying a covering to the wall, ceiling, floor, roof or the like.

Background of the Invention

It is known to those who are familiar in the art that cracks and undulations of
10 surfaces appear in buildings and structures at the outset of the building process due to poor workmanship, and later, once the building starts to move and settle, cracks appear due to movement of base materials and framework. It is known to improve the integrity of existing buildings by filling cracks in the walls, or ceilings of the building and applying render. However, for the most part, existing methods for treating
15 buildings by rendering them or the like, are time consuming, require extensive preparation and are generally only suitable for application by skilled tradespersons. Consequently, existing wall and ceiling treatment and rendering systems are expensive and unsuitable for unskilled and semi-skilled home renovators.

Any discussion of documents, acts, materials, devices, articles or the like which
20 has been included in the present specification is solely for the purpose of providing a context for the present invention. It is not to be taken as an admission that any or all of these matters form part of the prior art base or were common general knowledge in the field relevant to the present invention as it existed before the priority date of each claim of this application.

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Summary of the Invention

In a first aspect of the present invention, there is provided a method of treating a wall, floor, roof, or ceiling, comprising the step of:

applying a flexible fabric layer to the wall, the fabric layer being selected from
30 the group consisting of:

a blanket having a thickness of 2mm to 20mm, the blanket being made from fibre strands formed either as a weave or being non-woven, and defining gaps between the strands or in the blanket, or in the form of a batt having holes punched therethrough; and a flexible mesh layer having a spacing between strands of the mesh
35 of 5mm to 20mm; and the step of

applying one or more coatings to the fabric layer.

The invention provides a flexible strong webbing that will support an outer coating and assist in the covering of cracks and undulations to achieve an acceptable surface. Both the coating and the covering should have the same degree of flexibility as each other and a similar amount of movement as the movement of the building structure, within a certain range of movement. Provided that these cracks and undulations are no more than 10mm and preferably less than 3mm, the covering may stretch across those cracks and gaps. The bridging of the cracks and gaps saves time and costs during construction, and later when movement of the structure creates gaps and cracks, the covering assists in the covering of these unsightly cracks and undulations. This covering also prevents weather entering the building through the cracks and prevents the build up of dust and mildew in these cracks which if left unattended could become a health hazard. The fabric will cover most cracks undulations and imperfections in the wall, floor, or ceiling. It will also act as a matrix for absorbing the coating which may be paint, acrylic paint render or the like

In a particular related aspect of the present invention, there is provided a method of treating a wall, floor, roof, or ceiling, comprising the steps of:

applying a flexible fluffy blanket layer to the wall, the blanket having a thickness of 2mm to 20mm, the blanket being made from fibre strands formed either as a weave or being non-woven, and defining gaps between the strands or in the blanket, or in the form of a batt having holes punched therethrough; and

applying one or more coatings to the blanket.

In a preferred embodiment, the thickness of the blanket is in the range of 2mm to 5mm.

The term non-woven blanket encompasses any non-woven blanket made from fibres including batts and spun bonded blankets.

On one embodiment the blanket is woven and the gaps between adjacent fibres of the blanket range from 0.3mm to 3mm, most preferably 0.6mm to 3mm.

In an alternative embodiment the blanket is a batt or is spun bonded and through holes having a diameter of 0.3mm to 3mm, most preferably 0.6mm to 3mm, are formed in the batt or spun bonded blanket.

In the case where a wall, particularly an external wall, is being covered, the protective coating will typically be a render paint such as an acrylic render paint and will be applied with a brush or roller or spray. Other paints could be used including oil based paints, lime-wash renders and the like. The type of render paint utilised will depend on the characteristics of the blanket layer. Acrylic render typically includes a relatively thick mixture of cement, sand and acrylic polymer, although renders other

than cement and sand may be used. The render provides "body" in the render paint and allows persons applying the render paint to vary the appearance of the external surface as well as providing protection for the weather and a vehicle to provide colour to the overall coating. The acrylic polymer acts as a sort of "glue" and assists in holding the
5 render together. Typically, the sand/cement particles in the acrylic render have a diameter from 0.06mm to 0.2mm. The sand and cement particles penetrate into the gaps between the fibres of the blanket or the holes in the batt as far as the face of the wall and saturate the blanket with acrylic render paint. The blanket also provides a protective and supporting surface when coated with render paint.

10 The holes in the blanket must be sufficiently large to allow water to readily drain out of the blanket as well as allowing relatively free flow of the coarser materials of the acrylic render paint through the blanket at the time of application, but form a support matrix for the acrylic render paint once it dries and sets.

The weave or batt is preferably resilient and stretchable. A supporting backing
15 layer of building paper or strong metallic reflective foil may be provided for strengthening the blanket.

The metallic reflective foil or paper supporting layer is preferably coated with an adhesive protected by a peel-off protective layer to make the covering easy to apply.

The fibres of the blanket are preferably corrosion resistant and hydrophobic and
20 resistant to ultraviolet radiation, and resistant to most chemical solvents, mineral turps, kerosene, petrol, detergents and paint thinners.

Acrylic paint renders are sold with varying percentages of acrylic polymer with the cheaper renders containing less acrylic polymer. Advantageously, by providing a blanket which acts as a matrix for the render, relatively cheaper acrylic render paints
25 with less acrylic polymer can be used. The blanket's function in this case is to provide additional flexible support structure and bonding between the outer coating of render and the supporting metallic reflective foil or paper layer.

Where the method is used for covering ceilings, relatively thinner blankets are used typically having a thickness of 2mm to 10mm, most preferably around 2mm to
30 5mm, and the blanket may simply be coated in a standard paint, such as an acrylic paint.

The method may also be used on floors in which case the peel off layer is removed and the metallic reflective foil layer stuck to the existing floor surface. The blanket can then be coated in grout, tiling cement, adhesive or the like depending on the
35 type of floor finish required and will absorb some of the coating and provide a bond

between the floor finish and the metallic reflective foil. The metallic reflective foil layer provides heat insulation. The blanket provides both heat and sound insulation.

The invention also provides a covering for application to a wall ceiling, floor or roof of a building or like structure comprising a fabric layer selected from the group of
5 fabrics layers consisting of:-:

a stretchable strong blanket which may be woven or non woven or in the form of a batt having holes punched therethrough, and which is preferably non corrosive for application to exterior or interior building walls; and

a flexible mesh layer having a spacing between strands of 5mm to 20mm.

10 In a particular related aspect, the invention also provides a covering for application to a wall ceiling, floor or roof of a building or other structure or the like comprising a stretchable strong blanket which may be woven or non woven or in the form of a batt having holes punched therethrough, and which is preferably non corrosive for application to exterior or interior building walls roofs ceilings floors or
15 the like.

Where the fabric is a blanket, it is preferred that the blanket layer is from 2mm to 20mm in thickness, most preferably 2mm to 5mm thick. The blanket is preferably made from a plastics material most typically fibre glass or recycled PET fibres and the gaps between the fibres are 0.3mm to 3mm, most preferably 0.6mm to 3mm and are
20 large enough so that the sand and cement particles of the acrylic cement render paint will pass through the gaps.

Typically, a support layer may be fixed to the blanket which could be a layer of building paper or most preferably a strong metallic reflective foil.

Preferably, one side of the laminate for attachment to a wall or the like is coated
25 with a strong adhesive layer which is protected by a peel off layer to cover a protected adhesive prior to the application of the blanket to a wall, ceiling, floor or roof or the like.

The covering may be used in roofing applications as a wrap covering the roof structure and associated members and particularly over outer planar surfaces before the
30 application of an external roof cladding material, in which case the preferred thickness is 5 to 10mm. The roof covering may be quickly and safely applied to the roof structure using the self-adhesive layer. The blanket layer will absorb the glue which in turn gives a strong flexible adhesive to permit bonding onto the outer roof cladding material. In addition, the external roof cladding material may be fixed to the base layer
35 using screws or the like. The blanket and foil provide sound and heat insulation.

In a further related aspect of the present invention, there is provided a method of treating a wall, ceiling floor or roof comprising the steps of applying a flexible mesh layer to the wall ceiling floor or roof having a spacing between strands of 5mm to 20mm; and

5 applying one or more protective coatings to the mesh.

Preferably the mesh includes a backing layer which may typically be metallic reflective foil or paper.

The backing layer may be coated with an adhesive cover in a peel-off protective layer for ease of application of the mesh layer to the wall, ceiling floor or roof.

10 The mesh may have a thickness of 1 to 4mm, most typically 1 to 2mm.

In a related aspect, the present invention also provides a covering material for walls, ceilings roofs or floors comprising:

a flexible mesh layer having a spacing between strands of the mesh of 5mm to 20mm;

15 a reflective metallic foil backing layer;

a layer of adhesive applied to the foil backing layer; and

a removable protective layer covering the adhesive.

Preferably the spacing between the strands of mesh is 5mm to 10mm.

Typically the mesh has a thickness of 1 to 4mm, most typically 1 to 2mm

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Brief Description of the Drawings

A specific embodiment of the invention will now be described by way of example only and with reference to the accompanying drawings in which:

Figure 1 shows a first embodiment of a covering/wrap

25 Figure 1a is a plan view of the embodiment of Figure 1;

Figure 2 shows a second embodiment of a covering/wrap, being a variant of the first embodiment, applied to a wall;

Figure 3 shows a third embodiment of a covering/wrap

Figure 3a is a plan view of the embodiment of Figure 3;

30 Figure 4 shows the third embodiment applied to a wall of a building;

Figure 5 shows the second embodiment applied to a floor;

Figure 6 shows the second embodiment applied to a ceiling; and

Figure 7 shows the second embodiment applied to a roof.

Detailed Description of a Preferred Embodiment

Referring to the drawings Figure 1 shows a multi-layer covering 10 comprising a first layer of a fabric which in the particular embodiment is a fluffy blanket 12 having a thickness of 2 to 4mm, but which could, as described below, also be a mesh. The blanket is typically made of woven fibre glass but may be woven from other plastic materials, including recycled plastics such as recycled PET. The blanket may also be a batt or other unwoven matted plastic matrix, including a spun-bonded layer, or other suitable non-corrosive, non-toxic, flexible material resistant to radiation, ultra-violet, rays, most commercial solvents, (including mineral turpentine, kerosene, petrol, detergents, and paint thinners and the like).

Where a woven blanket, or non-woven blanket such as a spun bonded layer, is used the gaps between the fibres in the weave are generally between 0.3mm to 3.0mm and preferably between 0.6mm and 3.0mm. Where a batt or the like is used a matrix of closely spaced "particle holes" 27 having a diameter of from 0.3mm to 3mm, most preferably 0.6mm to 3mm may be punched through the batt.

Fixed to one side of the blanket by adhesive or any other suitable means is a building paper backing layer 12. Fixed to that layer is a foil multilayer comprising two layers of metallic reflective foil 16 and 20 sandwiching a layer of paper 18. In other embodiments a single layer of metallic reflective foil may substitute for the foil multilayer and, as shown in Figure 2, the building layer backing paper and the foil multilayer may be substituted by a single strong metallic reflective foil layer 20.

A layer of adhesive 22 coats the opposite face of the foil layer 20 and this is protected by a peel-off protective backing layer 24.

With reference to Figure 1 and 1a in particular, a rectangular or square pattern or grid of blister holes 29 is punched through the layers 12, 16, 18, 20, 22 and 24. The holes need not extend through the peel-off layer 24, but typically will. The diameter D of the holes is generally from 0.5mm to 10mm but preferably 1mm to 5mm. Generally the spacing between the holes may be 10mm to 300mm but the preferred spacing between the blister holes is 10mm to 50mm. The holes allow air to escape during application of the covering and provide an economical guide line between the holes for on site cutting to match an adjacent covering layer.

Figure 2 shows an alternative embodiment of covering 10a in which the blanket 12 is attached by adhesive, or other suitable means, to a single strong metallic reflective foil layer 26, the reverse face of the wall covering being coated in a layer of adhesive 22, covered by a peel-off protective layer, not shown in Figure 2 which illustrates the covering attached to a wall, after the peel-off protective layer has been removed.

In a first use, the covering of Figures 1 and 2 can be applied to relatively uneven and poorly prepared wall surfaces 28 of buildings and other structures by "handy-persons", DIY enthusiasts and persons without trades skills. The peel-off protective layer is removed and the covering is simply stuck to the wall. The covering will cover
5 cracks and undulations.

However, although the covering may be applied to poorly prepared wall surfaces, it is preferred that at least a clean surface without grease or salts is provided. For best results surface pre-treatments create a clean surface that will make a clean strong bond with the adhesive 22 of the covering. Preferably also existing gaps and
10 cracks such as cracks and joints between bricks are filled. The covering may be applied to walls in a similar manner to wallpaper. The edges of abutting sheets of wall covering, once applied to a wall, may be interwoven or other wise joined together. One way of achieving this is to have the outer blanket 4mm wider than the metallic reflective foil layer/ building paper, overlapping by 2mm each side. The overlap will
15 provide an intertwining of blanket fibres that can be combed together after the blanket is applied to the surface. This overlapping will protect the covering during transportation and handling. Any off-cuts may be used for patching up work or the like.

Next a protective coating in the form of a render paint such as an acrylic render
20 paint is applied with a brush or roller or spray nozzle. Acrylic render paint includes a relatively thick mixture of cement, sand and acrylic polymer. The cement and sand provide "body" in the render and allow persons applying the render to vary the appearance of the external surface as well as providing protection for the weather and a vehicle to provide colour to the overall coating. The acrylic polymer acts as a sort of
25 "glue" and assists in cementing the render together. Typically, the sand/cement particles in the acrylic render have a diameter from 0.06mm to 0.2mm. The coarse sand and cement particles penetrate into the gaps between the fibres of the blanket or the holes in the batt as far as the face of the wall and together with the acrylic render paint saturate the blanket with acrylic render paint. The blanket also provides an even
30 surface when coated with render paint covering up imperfections in the underlying wall.

The holes in the blanket must be sufficiently large to allow water to readily drain out of the blanket as well as allowing relatively free flow of the coarser materials of the acrylic render paint through the blanket during the process of applying the
35 render.

The coating may be applied intermittently and does not need to be applied as soon as the covering has been applied to the wall since the covering will allow water to drain out, and the covering is weatherproof for a short duration, typically about seven days.

- 5 When used for a wall the covering 10a has a preferred thickness of 2 to 20mm, most preferably 2 to 5mm, and the gaps in the blanket are 0.3mm to 3mm, most preferably 0.6mm to 3mm.

The blanket covers undulations and cracks in the wall and provides a smooth outer wall surface with minimum effort.

- 10 Figure 3 shows a further embodiment in which the fabric layer comprises a mesh 30 of fibre strands in a grid formation of square openings (but which could be other shapes) having a width of 5mm to 20mm, most preferably 5mm to 10mm. Figure 3a is a plan view of the mesh 30. A support layer of metallic reflective foil 32 is fixed to the mesh. The foil is coated with an adhesive layer 33, which is protected by a peel-
15 off protective layer 34. In one less-preferred embodiment the foil may be replaced with a strong paper, such as building paper. Again, blister holes 29 extend through the layers 32, 33, 34.

- The covering may be applied to a wall and coated with a render paint such as an acrylic render paint. The meshes having openings of a size of 5mm to 10mm require
20 less expensive acrylic render paint. Meshes having openings of 10mm to 20mm require more expensive acrylic render.

Figures 5 to 7 illustrate other uses of the coverings of Figures 2 and 3.

- In particular, Figure 5 shows the covering 10a applied to a floor 50 which may be a concrete slab, or timber, plywood or particleboard floor. The peel-off layer 24 is
25 removed and the foil 26 stuck to the surface of the floor. A floor surface is then applied over the top of the blanket. The floor surface could be tiles 52 in which case they are stuck to a layer of tiling cement or grout 54 applied to the blanket which is absorbed by the blanket and penetrates to the foil layer. Alternatively, if a timber floor surface (not shown) is to be provided, the timber surface is applied over an adhesive which has been
30 pressed into the blanket leaving some glue remaining on the surface of the blanket. the surface glue provides adhesion to the timber flooring which absorbs the glue and becomes impregnated with it to form a flexible gel that supports and adheres to the proposed flooring. The covering, as well as covering imperfections in the floor and providing a smooth surface for the application of tiles/timber also provides
35 substantially improved heat and sound insulation. When used for a floor the covering

10a has a preferred thickness of 2 to 10mm, most preferably 2 to 5mm, and the gaps in the blanket are 0.3mm to 3mm, most preferably 0.6mm to 3mm.

The mesh of Figure 3 may be applied to a floor in the same way as the covering 10a, as described above. Where the mesh of Figure 3 is applied to a floor, the spacing
5 between the strands is 5mm to 20mm, preferably 5mm to 10mm. The thickness of the mesh is 1mm to 4mm, most preferably 1mm to 2mm.

Figure 6 illustrates the covering 10a applied to a ceiling 60 which may typically be plasterboard or the like. Again the peel-off layer is removed and the covering is simply stuck to the ceiling. The covering covers any cracks or holes. The blanket is
10 then painted typically with an acrylic or other paint 62, rather than an acrylic render paint. The metallic reflective foil layer and blanket provide heat insulation, and the blanket sound insulation. When used for a ceiling the covering 10a has a preferred thickness of 2 to 10mm, most preferably 2 to 5mm, and the gaps in the blanket are 0.3mm to 3mm, most preferably 0.6mm to 3mm.

15 The mesh of Figure 3 may be applied to a ceiling in the same way as the covering 10a, as described above. Where the mesh of Figure 3 is applied to a ceiling, the spacing between the strands is 5mm to 20mm, preferably 5mm to 10mm. The thickness of the mesh is 1mm to 4mm, most preferably 1mm to 2mm.

Figure 7 illustrates a yet further use for the covering 10a as a wrap for a roof
20 structure, which in the described embodiment is the outer structural element 70 of a roof, typically a fibro sheet or sheet of plywood, but may be rafters or other roof members or structures before the application of tiles, corrugated steel or other external roof cladding material 72. The covering 10a may be quickly and safely applied to the planar base using the self-adhesive layer 26. The blanket layer will adsorb the adhesive
25 which is used to glue the external roof cladding material 72 to the covering. The external roof cladding material may also be fixed to the base layer using screws or the like. The blanket and foil provide sound and heat insulation. When used for a ceiling the covering 10a has a preferred thickness of 2 to 20mm, most preferably 5 to 10mm, and the gaps in the blanket are 0.3mm to 3mm, most preferably 0.6mm to 3mm.

30 The mesh of Figure 3 may be applied to a roof in the same way as the covering 10a, as described above. Where the mesh of Figure 3 is applied to a roof, the spacing between the strands is 5mm to 20mm, preferably 5mm to 10mm. The thickness of the mesh is 1mm to 4mm, most preferably 1mm to 2mm.

It will be appreciated by persons skilled in the art that numerous variations and/or modifications may be made to the invention as shown in the specific embodiments without departing from the spirit or scope of the invention as broadly described. The present embodiments are, therefore, to be considered in all respects as
5 illustrative and not restrictive.

CLAIMS:

1. A method of treating a wall, floor, roof, or ceiling, comprising the step of:
applying a flexible fabric layer to the wall, the fabric layer being selected from
the group consisting of:
 - 5 a blanket having a thickness of 2mm to 20mm, the blanket being made from
fibre strands formed either as a weave or being non-woven, and defining gaps between
the strands or in the blanket, or in the form of a batt having holes punched
therethrough; and
a flexible mesh layer having a spacing between strands of the mesh of 5mm to
10 20mm; and the step of
applying one or more coatings to the fabric layer.
 2. A method as claimed in any preceding claim wherein the fabric layer is a
blanket having a thickness in the range of 2mm to 5mm.
 3. A method as claimed in claim 2 wherein the blanket is in the form of a weave
15 and the gaps between adjacent fibres in the blanket range from 0.3mm to 3mm.
 4. A method as claimed in claim 2 wherein the blanket is non-woven and holes
having a diameter of 0.3mm to 3mm extend through the thickness of the blanket.
 5. A method as claimed in claim 4 wherein the blanket is a batt or is spun-bonded.
 6. A method as claimed in any one of claims 2 to 5 wherein the blanket is applied
20 to a wall and the coating is a render paint applied with a brush, roller, or spray gun or
the like.
 7. A method as claimed in claim 6 wherein the render paint includes cement and/or
sand particles and an acrylic polymer binder and wherein the sand and cement particles
penetrate into the gaps between the fibres of the blanket or the holes in the blanket as
25 far as the face of the wall so that the blanket is saturated with acrylic render paint.
 8. A method as claimed in any one of claims 2 to 7 wherein the fabric layer is a
blanket having a thickness of 2 to 10mm thick, most preferably 2 to 5mm thick, and is
applied to a ceiling and the coating is a paint applied with a brush, roller, or spray gun
or the like.
 - 30 9. A method as claimed in any one of claims 2 to 5 wherein the blanket is applied
to a floor and has a thickness of 2 to 5mm thick the coating is an adhesive, grout,
cement, or the like and including the step of applying a floor surface over the adhesive,
grout or cement, or the like.
 10. A method as claimed in any one of claims 2 to 9 wherein the woven or non-
35 woven blanket is resilient and stretchable.

11. A method as claimed in any preceding claim wherein a metallic reflective foil backing layer is provided for strengthening the fabric layer.
12. A method as claimed in any preceding claim wherein a layer of adhesive coats the metallic reflective foil layer and is covered with a protective peel-off layer which
5 may be removed prior to application of the covering to a wall, ceiling, roof, or floor.
13. A method as claimed in any one of claims 2 to 12 wherein the fibres of the blanket are corrosion resistant, hydrophobic and u/v resistant.
14. A multi-layer covering including a fabric layer for application to a building or other structure, wherein the fabric layer is selected from the group consisting of:
- 10 a stretchable strong woven or non woven blanket having a thickness from 2mm to 20mm, the blanket being made from fibres or strands and wherein either gaps between fibres in the blanket are defined in the range of 0.3mm to 3.0mm or holes having a diameter of 0.3mm to 3.0mm are defined in the blanket, and
a flexible mesh layer having a spacing between strands of 5mm to 20mm, the
15 multi-layer covering further comprising
a backing layer fixed to the fabric layer; and
a layer of adhesive coating the backing layer covered by a removable peel off layer.
15. A multi-layer covering as claimed in claim 14 wherein the fabric layer is a
20 blanket which is from 2mm to 5mm thick.
16. A multi-layer covering as claimed in any one of claims 14 to 15 wherein the backing layer is a foil layer.
17. A multi-layer covering as claimed in claim 15 or 16 wherein the blanket is made from a plastics material such as fibre glass or PET fibres
- 25 18. A multi-layer covering as claimed in any one of claims 15 to 17 wherein the blanket is woven and defines gaps between fibres in the weave of 0.3mm to 3mm.
19. A multi-layer covering as claimed in any one of claims 15 to 17 wherein the blanket is a batt or is spun woven and a series of holes having a diameter of 0.3mm to 3mm extend through the batt.
- 30 20. A method of treating a wall, ceiling, roof, or floor comprising the steps of applying a multi-layer material to the wall, ceiling or floor comprising a flexible mesh layer having a spacing between strands of 3mm to 20mm, a foil backing layer, and an adhesive layer coating the foil layer and a removable protective layer covering the adhesive layer ; and
35 applying one or more coatings to the blanket.

21. A method of treating a wall ceiling, roof, or floor as claimed in claim 20 wherein the step of applying a coating comprises applying one or more layers of acrylic render paint.
22. A multi-layer covering comprising:
- 5 a flexible mesh layer defining a grid having a spacing between adjacent strands of 3mm to 20mm;
- a metallic reflective foil backing layer fixed to the mesh; and wherein the backing layer is coated with an adhesive covered in a peel-off protective layer.
- 10 23. A multi-layer covering as claimed in claim 22 wherein the spacing between adjacent strands of the mesh is 3mm to 10mm.
24. A multi-layer covering as claimed in claim 22 or 23 wherein the mesh layer has a thickness of 1 to 4mm, most preferably 1 to 2mm.
25. A covering including for application to a building other structure or the like
- 15 comprising:
- a stretchable strong woven or non woven blanket having a thickness from 1mm to 20mm the blanket being made from fibres wherein either gaps between adjacent fibres in the blanket range from 0.3mm to 3mm or holes having a diameter of 0.3mm to 3mm extend through the thickness of the blanket.
- 20 26. A method as claimed in any one of claims 2 to 5 wherein the blanket is applied to a roof and the coating is an adhesive.
27. A method as claimed in any one of claims 2 to 5 wherein the blanket is applied to a floor and the coating is tiling cement, grout, or adhesive.
28. A method of covering a wall, floor, roof, or ceiling, comprising the steps of:
- 25 applying a flexible blanket layer to the wall, floor, roof, or ceiling, the blanket having a thickness of 2mm to 20mm, and being made from fibre strands either formed as a weave, being non-woven and defining gaps between the strands or in the blanket, or in the form of a batt having holes formed therethrough; and
- applying one or more coatings to the blanket.
- 30 29. A covering including a blanket for application to a building other structure or the like comprising:
- a stretchable strong woven or non woven blanket having a thickness from 2mm to 20mm, the blanket being made from fibres or strands and wherein either gaps between fibres in the blanket are defined in the range of 0.3mm to 3.0mm or holes
- 35 having a diameter of 0.3mm to 3.0mm are defined in the blanket
- a backing layer fixed to the blanket; and

a layer of adhesive coating the backing layer covered by a removable peel off layer.

30. A method of treating a wall, floor, roof, or ceiling as claimed in any one of claims 1 to 13 wherein a grid of through holes is defined in the layers, the holes having
5 a diameter of 0.5mm to 10mm but preferably 0.6mm to 5mm, and a spacing between the holes of 10mm to 300mm, but preferably 10mm to 50mm.

31 A multi-layer covering as claimed in any one of claims 14 to 24 wherein a grid of through holes is defined in the layers, the holes having a diameter of 0.5mm to 10mm but preferably 0.6mm to 5mm, and a spacing between the holes of 10mm to
10 300mm but preferably 10mm to 50mm.

32. A method as claimed in claim 1, wherein the fabric layer is a mesh having a thickness of 1mm to 4mm, most preferably 2mm to 4mm.

33. A multi-layer covering as claimed in claim 14, wherein the fabric layer is a mesh having a thickness of 1mm to 4mm, most preferably 2mm to 4mm.