Claims:

1. A timber deck system 100, the system comprising:

steel rods 102, wherein the steel rods 102 comprises of a first end 102' and a second end 102",

a concrete block 104,

a timber runner 108,

timber batten 106 wherein holes are pre-drilled,

wherein the first end of the steel rods 102 is inserted into a plurality of holes drilled onto the concrete block 104,

wherein the second end 102" of the steel rods 102 is threaded and is in mechanical coupling with the timber runner 108 to place the timber batten 106 onto timber runner 108 placed onto the steel rods 102 in removable fashion in order to adjust height of the timber deck with respect to a reference level

whereinthe pre-drilled timber batten holes of timber batten 106 are filled up with cement up to a depth of 15 to 30 mm after washer(s) and nut(s) 110 is fastened to the timber batten 106.

2. The timber deck system 100 according to claim 1, wherein the timber runner 108 is drilled at regular intervals in compliment with a row-wise arrangement of the steel rods 102 on the concrete block.

3. The timber deck system 100 according to claim 1, wherein each of the steel rods 102 is inserted into each of the plurality of holes with depth of 40mm to 50mm drilled onto the concrete block 104.

4. The timber deck system 100 according to claim 1, wherein the each of the plurality of holes drilled on the concrete block 104 has diameter of 8 - 14mm.

5. The timber deck system 100 according to claim 1, wherein each of the plurality of holes drilled on the concrete block 104 is filled up with Epoxy up to a depth of 20mm from the end of the drilled hole.

6. The timber deck system 100 according to claim 1, wherein the steel rod is stainless steel rod or is galvanized steel rod.

7. A method for assembling a timber deck, the method comprising the steps of:

drilling plurality of holes onto a concrete block 104;

inserting a first end 102' of steel rods 102 into the drilled holes;

threading a second end 102" of the steel rods 102

coupling a timber runner 108 with the steel rods;

placing timber batten 106 with pre-drilled timber batten holes over timber runner 108 coupled with nuts and washer 110;

fill up the pre-drilled timber batten holes of timber batten 106 with cement up to a depth of 15 to 30 mm after washer(s) and nut(s) 110 is fastened to the timber batten 106.

8. The method for assembling the timber deck according to claim 7, wherein the drilling of plurality of holes further comprises drilling each of the holes having depth of 40mm to 50mm at the predetermined points on the concrete block 104.

9. The method for assembling the timber deck according to claim 8, wherein the step of drilling each of the holes comprises of drilling each of the holes with diameter of 10mm at the predetermined points on the concrete block 104.

10. The method for assembling the timber deck according to claim 8, further comprises filling each of the holes drilled on the concrete block 104 with Epoxy up to a depth of 20mm from the end of the drilled hole.

11. The method for developing the timber deck according to any of the claims 7 to 10, wherein the steel rods are inserted into the drilled holes drilled on the concrete block 104 about 20mm to 30mm deep.

Claims:

1. A timber deck system 100, the system comprising:

steel rods 102, wherein the steel rods 102 comprises of a first end 102' and a second end 102",

a concrete block 104,

a timber runner 108,

timber batten 106 wherein holes are pre-drilled,

wherein the first end of the steel rods 102 is inserted into a plurality of holes drilled onto the concrete block 104,

wherein the second end 102" of the steel rods 102 is threaded and is in mechanical coupling with the timber runner 108 to place the timber batten 106 onto timber runner 108 placed onto the steel rods 102 in removable fashion in order to adjust height of the timber deck with respect to a reference level

whereinthe pre-drilled timber batten holes of timber batten 106 are filled up with cement up to a depth of 15 to 30 mm after washer(s) and nut(s) 110 is fastened to the timber batten 106.

2. The timber deck system 100 according to claim 1, wherein the timber runner 108 is drilled at regular intervals in compliment with a row-wise arrangement of the steel rods 102 on the concrete block.

3. The timber deck system 100 according to claim 1, wherein each of the steel rods 102 is inserted into each of the plurality of holes with depth of 40mm to 50mm drilled onto the concrete block 104.

4. The timber deck system 100 according to claim 1, wherein the each of the plurality of holes drilled on the concrete block 104 has diameter of 8 - 14mm.

5. The timber deck system 100 according to claim 1, wherein each of the plurality of holes drilled on the concrete block 104 is filled up with Epoxy up to a depth of 20mm from the end of the drilled hole.

6. The timber deck system 100 according to claim 1, wherein the steel rod is stainless steel rod or is galvanized steel rod.

7. A method for assembling a timber deck, the method comprising the steps of:

drilling plurality of holes onto a concrete block 104;

inserting a first end 102' of steel rods 102 into the drilled holes;

threading a second end 102" of the steel rods 102

coupling a timber runner 108 with the steel rods;

placing timber batten 106 with pre-drilled timber batten holes over timber runner 108 coupled with nuts and washer 110;

fill up the pre-drilled timber batten holes of timber batten 106 with cement up to a depth of 15 to 30 mm after washer(s) and nut(s) 110 is fastened to the timber batten 106.

8. The method for assembling the timber deck according to claim 7, wherein the drilling of plurality of holes further comprises drilling each of the holes having depth of 40mm to 50mm at the predetermined points on the concrete block 104.

9. The method for assembling the timber deck according to claim 8, wherein the step of drilling each of the holes comprises of drilling each of the holes with diameter of 10mm at the predetermined points on the concrete block 104.

10. The method for assembling the timber deck according to claim 8, further comprises filling each of the holes drilled on the concrete block 104 with Epoxy up to a depth of 20mm from the end of the drilled hole.

11. The method for developing the timber deck according to any of the claims 7 to 10, wherein the steel rods are inserted into the drilled holes drilled on the concrete block 104 about 20mm to 30mm deep.