

Instruction ground preparation CoverLawn®

Definitions

1. **Soil** – this is the soil that is used to build a lawn
2. **Sand** – this is the same type of sand as you use to fall protection. The size is from 0-8 mm where 8 mm is the biggest size of the grain. The naming can vary from country to country. **Note:** Rock dust is NOT sand.
3. **Mixing:** soil and sand should be mixed where the basic mix is 50/50 %.
4. **Aeration** – this is needed to be done on existing surfaces when it is too compact and the composition in the ground is soil only. If the area is small you can use a pitchfork to aerate. Otherwise use a machine. Fill up the holes/slits you created with sand.
5. **Adjacent surface:**



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Flat surface

1. The surface must be as even and solid as possible.
2. **Existing surface:** The material in the ground should consist of compacted Soil/Sand to allow good growth for the natural grass. If the surface is too compacted, you have to aerate the surface. Stick a knife into the ground and if you can push the blade >100 mm with one hand ground compaction is ok. <100 mm you have to aerate. If you aerate fill the aeration holes/slits with sand 0-8 mm.
3. **New construction:** The top 150 mm should consist of compacted mixed soil/sand (50% soil - 50% sand 0-8 mm) that is put on top. You compact the surface with a vibrating plate (50-80 Kg is ok) and you do this every 50 mm. If you have a changeover in height even the changeovers so the mower doesn't cut the edge/surface.
4. The surface should be solid enough that you can walk on it without your foot sinking through the surface. A footprint is ok since CoverLawn® (CL) will protect the surface when the rolls are in place. **The footprint depth is maximum 5 mm.** Test the solidity in the ground by pushing a knife into the ground. The first 50-100 mm you push with one hand and the last 50 mm you need both hands or step on it to reach 150 mm.
5. The connection to adjacent surfaces should be in same level as CL surface or 1-20 mm higher than CL surface.



Hillock/Slide

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5. Leave a distance between the slide and the ground on app 100mm or what is allowed. This is so the seam between the rolls should be under the slide.
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Slope

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5. The connection to adjacent surfaces should be in same level as CL® surface or 1-20 mm higher than CL surface.

