

Floor Construction			FUTURE SHAPE
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23.06.2021	E_Floor_Construction	03	

Floor Construction with SensFloor®

Introduction

This document provides an overview of floor constructions that have been realized with the SensFloor underlay. It is directed at customers and the floor layers of customers to understand the layer structure of a floor construction with SensFloor. Note that different layer structures are required between the existing subfloor and the final floor covering selected by the customer. For each layer as well as for the complete construction, thicknesses are indicated. **To avoid trip hazards to rooms with different floor constructions, the overall thickness of the SensFloor construction must be respected when preparing the subfloor!**

For some floor constructions, a detailed certification document is available from Future-Shape. **Please note that Future-Shape cannot be held liable for damages or malfunction of the system if the SensFloor underlay is installed within a non-certified floor construction!** Please note further, that any material (glue, foils, floor covering) on top of the SensFloor underlay influences the electrical characteristics. If non-approved materials are used, the capacitive measurement of the sensor underlay may be impaired. If in doubt, please contact Future-Shape.

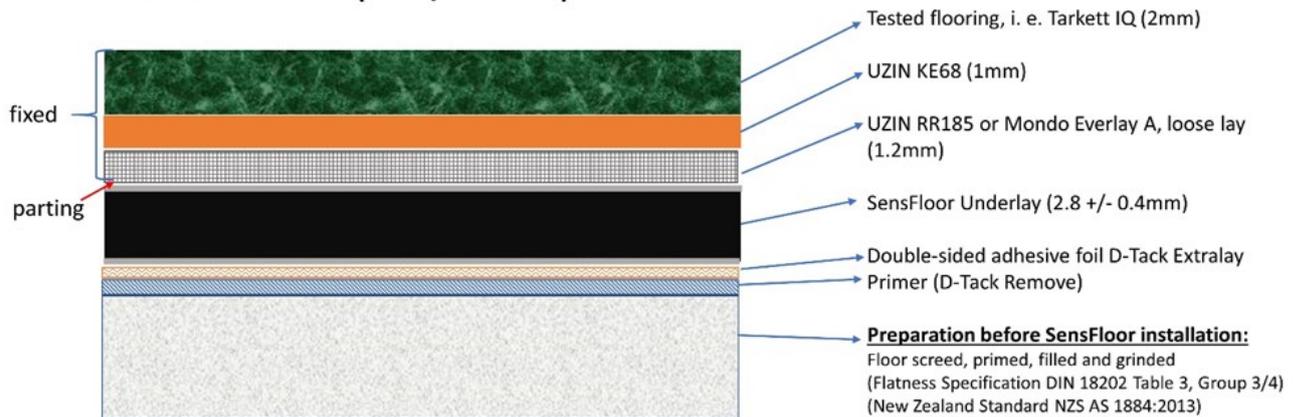
A correct function of the system requires that the data sheets available from the manufacturers of every component of the construction are respected as well. Please refer to the document **“Preliminaries by the Customer”**, available from Future-Shape, for the correct preparation of the subfloor prior to the installation of the SensFloor underlay.

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Floor constructions already realized with SensFloor

1. Schematic SensFloor beneath Vinyl flooring Top flooring together with Everlay removable Overall thickness (7.0 +/- 0.4mm)

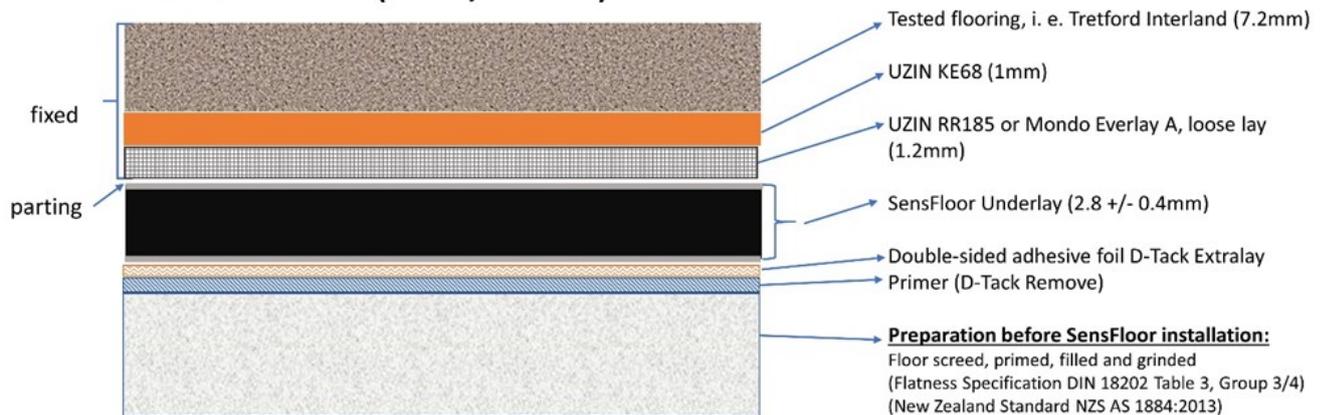
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2. Schematic SensFloor beneath Carpet Top flooring together with Everlay removable Overall thickness (12.2 +/- 0.4mm)

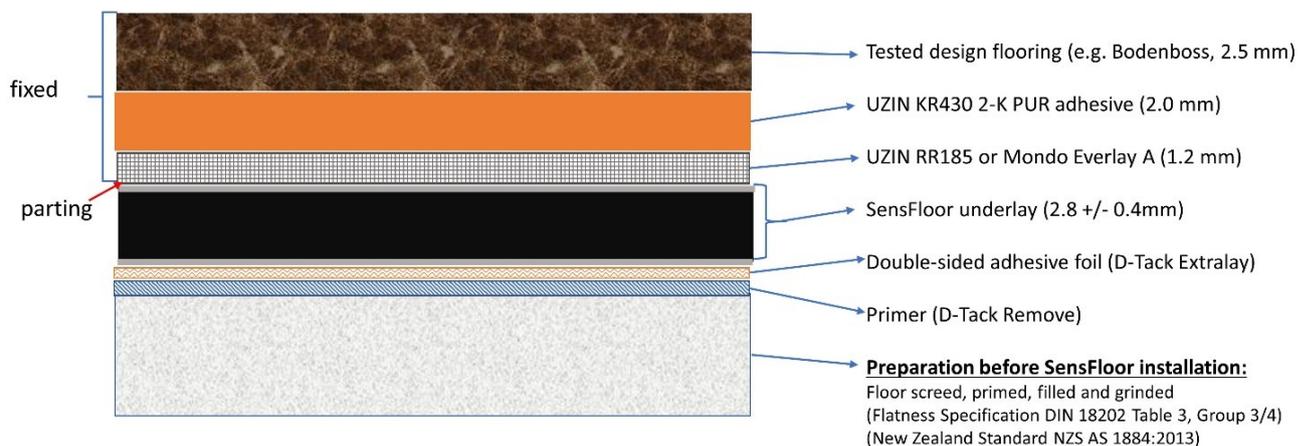
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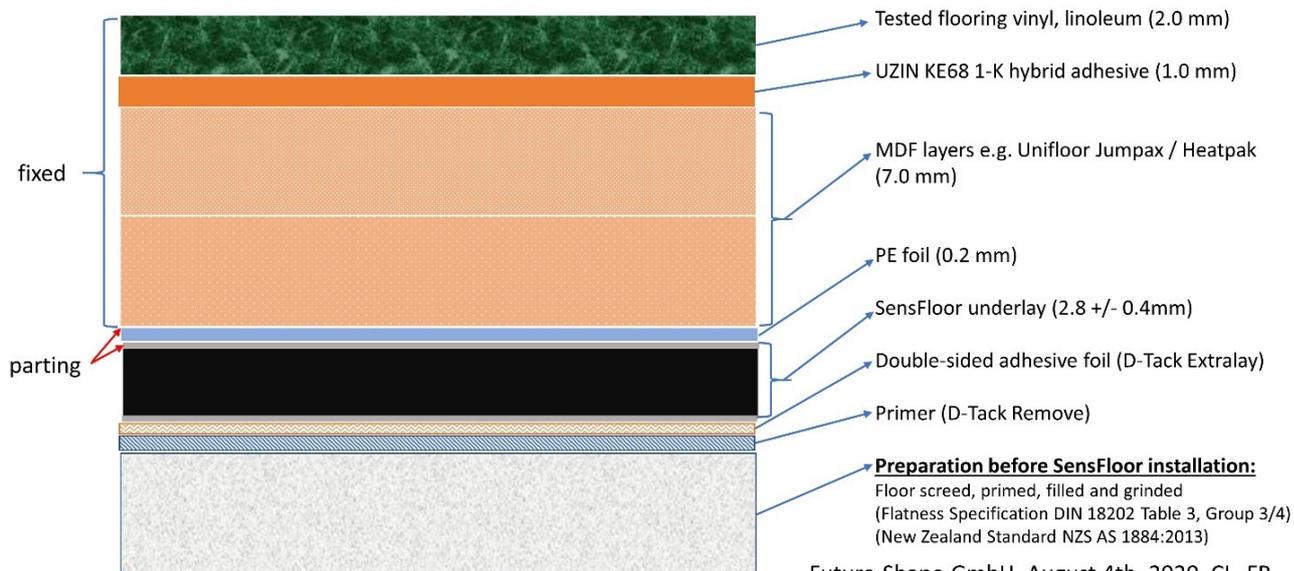
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3. Schematic SensFloor beneath PVC Design flooring (fixed) Overall thickness (8.5 +/- 0.4mm)



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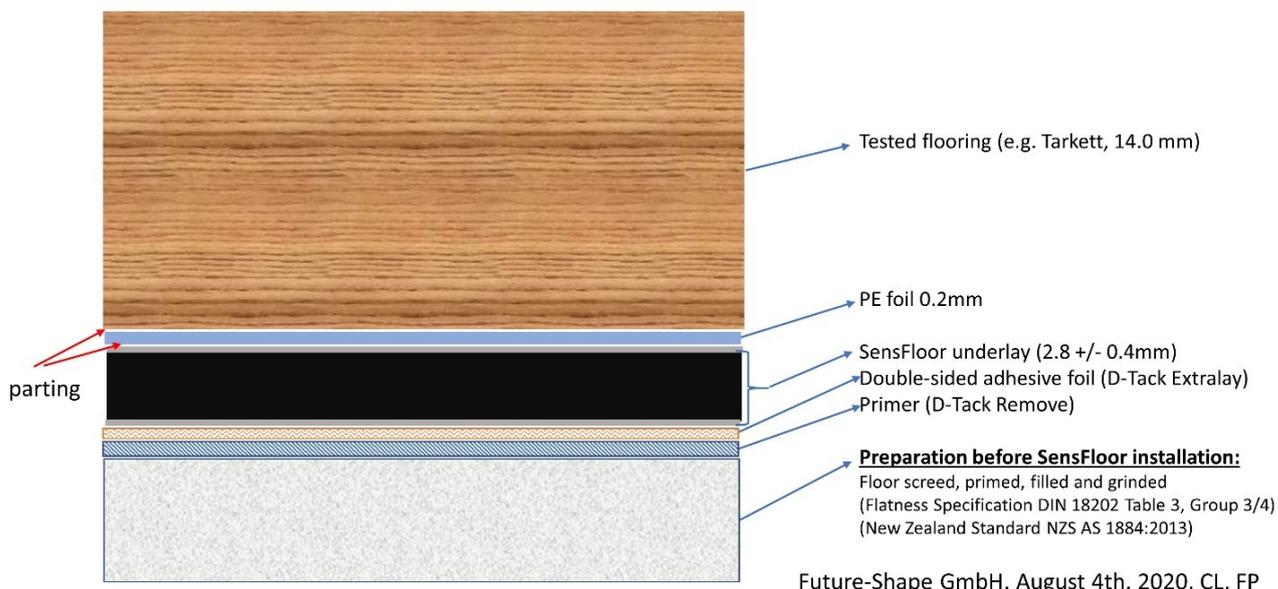
4. Schematic SensFloor Jumpax/Heatpak Overall thickness (13.0 +/- 0.4mm)



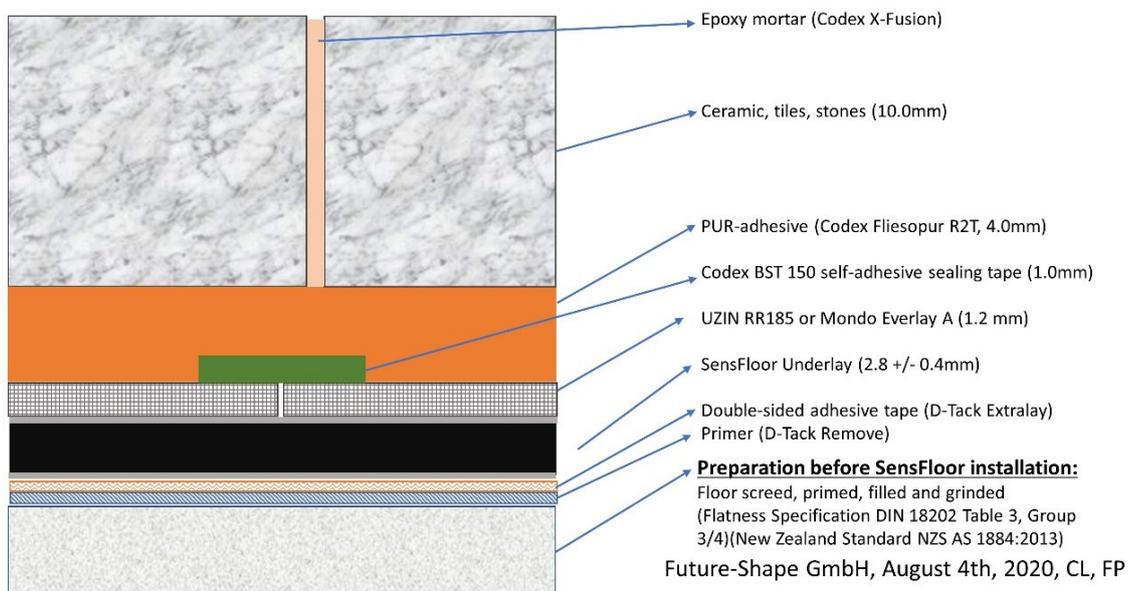
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5. Schematic SensFloor beneath Hardwood or Laminate (loose lay) (17.0 +/- 0.4mm)



6.1 Schematic SensFloor beneath tiles for wet rooms (18.0 +/- 0.4mm)



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6.2 Schematic SensFloor beneath Tiles-Wall Connection

