

A set of planks (10) for covering a surface (12), comprising a first plank (16) having a first edge (24) defining a connecting tongue (26), and a second plank (18) having a second edge (28) defining a connecting groove (30), the first plank being movable between a disconnected position and a connected position, in which the connecting tongue is snap-fit in the connecting groove, the connecting tongue comprising a distal protrusion (40A) and a proximal protrusion (40B) adapted to abut upwards in the connected position against a proximal lip (42A) and a distal lip (42B) of the connecting groove. The second edge defines a guiding recess (38) at least partly located above the proximal lip (42A) for receiving the distal protrusion in an intermediate position of the first plank, in which the proximal protrusion abuts downwards against the distal lip.