

How to install the floor with Aktivator & Sika 554

Handifloor is made of aluminium profiles that are joined together. There are Single and Double Airline Rails and 3 different spacers. After pretreatment, the floor is glued piece by piece inside the vehicle or as a whole floor.



1. Pretreatment

Pretreat the HandiFloor profile and the floor of the vehicle with the supplied Aktivator.

Let it dry 10-15 min.(max. 2 hours) before you start gluing.

1 can is enough for 2-3 floors.

Remember:

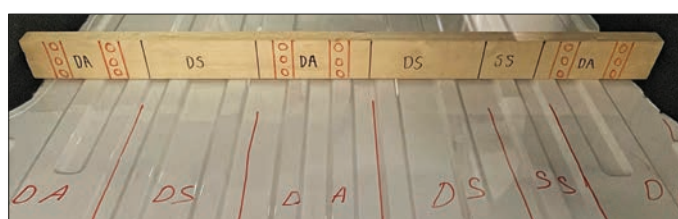
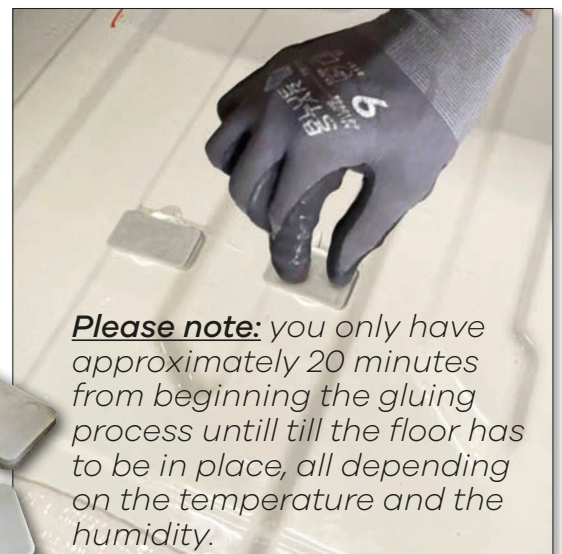
Good ventilation & personal protective equipment.

2. Plastic bricks

Distribute the small plastic bricks on the vehicle floor on the highest points where the profiles will be placed later on.

If necessary, put a small dab of adhesive on the floor so that the plastic bricks does not move.

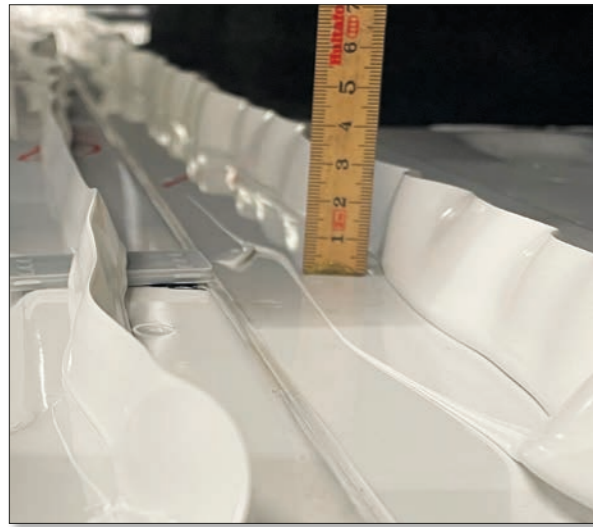
This is to ensure a minimum thickness of 3 mm adhesive.



3. Adhesive

Place a wooden batten on the vehicle floor and make marks on the batten where the different kinds of HandiFloor profiles will be placed inside the vehicle.

Place the batten in the vehicle and apply adhesive in triangular stripes for each profile.



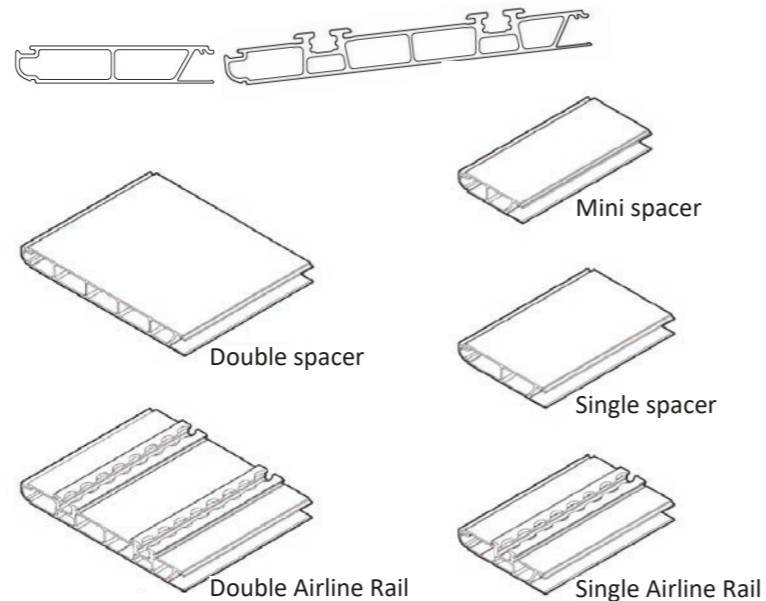
1 row of adhesive for spacers (all sizes)
 2 rows of adhesive for single airlines
 3 rows of adhesive for double airlines

If the adhesive stripe is on an elevation, it should be about 1-1,5 cm high.
 Adhesive in the submerged area must be raised to the same height.

*Note: Make sure to use enough adhesive to meet the test requirements.
 Guideline: Use 3-4x600 ml. Sikaflex 554 adhesive per running meter of floor in a small vehicle with 6-8 airlines.*

4. Installing the floor

Apply adhesive to the floor one profile at a time and place the different aluminum floor profiles on the floor piece by piece, clicking them together as you go.



If your floors have been delivered already pre-assembled in one piece, it is advised to use a forklift with a lifting device attached, to lift the floor into the vehicle. It is recommended to have 2 people in the process. Tilt the floor at an angle so that the high end faces the sliding door. In this way, the floor is more easily steered into the vehicle.

*Tip: Make sure the floor is aligned between the wheel arches
 If necessary, use a crowbar to move the floor. Place a block of wood between the floor & the vehicle, so the vehicle will not take damage.*

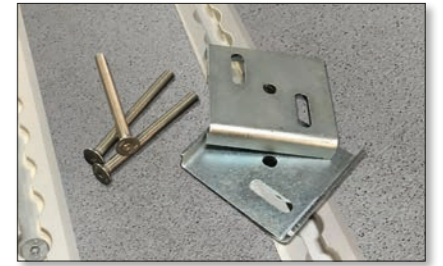
NOTE: For safety reasons, only adhesive delivered by Autoproducts may be used.
Never mix different brands of cleaner & adhesive.



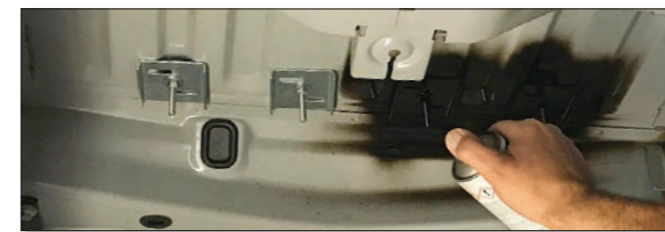
5. Bolts & brackets

All Airline rails must be secured at the rear end with a 8 mm allen bolt and a safety bracket. A countersunk allen bolt placed completely rearsides in the vehicle is preferred if a chair is to be installed there.

Drill a hole through the rail and the vehicle chassis. Before drilling look underneath the vehicle and aim to try and avoid hitting the cross members when drilling.



Aluminium profiles with 1 airline rail need 1 safety bracket.
 Aluminium profiles with 2 airline rails need 2 safety brackets.



Finally, spray the safety brackets with rust protection - give special attention to the areas around the drilled holes in the vehicle chassis.

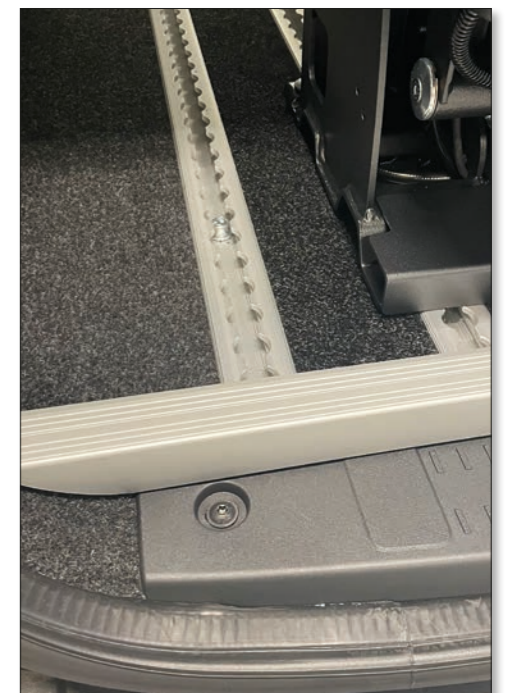
6. Linoleum

The HandiFloor can be delivered with linoleum or carpet between the airlines. After installing the floor cut the linoleum into shape and fasten it with adhesive (Sika 544). Use a spartle to smoothen the adhesive if installing linoleum.

If installing carpet, apply the adhesive and leave it as an 8 mm "snake" so the adhesive can penetrate well into the fibers of the material.

7. Trim profile

Finish the rear end of the floor with a trim profile and secure it with either rivets or self drilling screws.



NOTE: If you are careful you can start working in the vehicle immediately after installation, but wait 1 or 2 days before placing the seat legs and seats as they can act as a lever.

All you need:

HandiFloor (**HandiFloor...**)

Personal protective equipment

Sika Activator (**SIKA205 - 250 ml./
SIKA205-1L - 1000 ml.**) & lint-free paper

A wooden batten & a marker

Adhesive (**70274**) & a grout gun

Plastic bricks (**Glasklods**)

A drilling machine

Safety brackets (**L-Floor-65**) &

8 mm bolts with washer and nut

Rust protection spray

If necessary a crowbar & a piece of wood

Trim profile (**20550**) & screws



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