

# Installation guide for Grabo Conducto S homogeneous conductive vinyl sheet roll

Dear Customer,

Thank you for choosing our product. Please follow and keep strictly our instructions for the handling, installation and cleaning of the flooring.

## Product: Grabo Conducto S conductive sheet vinyl flooring

Main components: PVC, non-phthalate plasticizer, special additive, pigments, stabilizers, mineral filler

### Storage, handling and instructions before installation

Store the roll in closed, dry space, 10-30 °C, standing upright or placed on a shelf in one row, in unopened packaging. The rolls should not be stacked. Use forklift to move the rolls. At least 2 people are recommended for manual movement. Store the welding rod, glue and copper tape in original packaging in the same conditions as the flooring. In case of long storage time (more than 1 year) a gluing test is recommended prior to the installation of the flooring. Only the rolls having the same batch number can be used for the same room. Prior to installation of the flooring you must visually inspect the floor for general appearance, colour and surface condition. The manufacturer does not assume responsibility for any additional labour or cost expenses resulting from evident surface defects.

### Sub-floor, grounding, gluing, installation

The sub-floor must be clean, proper levelled, smooth, and permanently dry, free of cracks and any contaminants, sufficiently hard and resistant to pressure and tension strain.

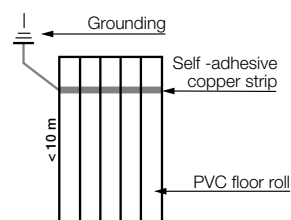
In case of concrete and cemented floor the moisture content of sub-floor mustn't exceed the value of 2,0 CM %. The sub-floor temperature directly before installation of the flooring should be min. 18 °C. Keep the floor covering unrolled at min. 18 °C for at least 24 hours before installation. After cutting to size, the floor must be glued on the sub-floor with an aqueous conductive adhesive.

Grounding: a self-adhesive copper tape is recommended to use.

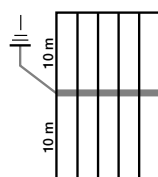
Lay the copper strip crosswise underneath all the rolls. The furthest point in relation to the continuous strip must not be > 10 m.

### Sub-floor, grounding, gluing, installation

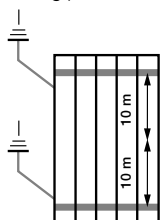
Room < 10m, 1 copper strip running crosswise under the rolls.



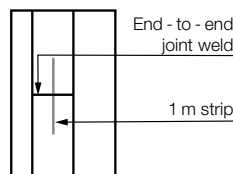
Room 10-20m, 1 copper strip placed in the middle of room.



Room > 20m, at least 2 copper strips should be positioned running crosswise. There must not be more than 10 meters between the measuring point and the copper strip.



If there is an end-to-end joint, place a 1 m wide strip across.



Recommended glues:

Mapei Ultrabond Eco V4 conductive, Uzin KE 2000SL conductive. During gluing process follow the instructions of the glue manufacturers.

Heat welding: the joints of glued flooring should be heat welded with GraboWeld welding rod, recommended temperature of welding approx 250-300 °C. Prior to heat welding wait at least 24 hours.

### Cleaning, maintenance

The durability and permanent attractive appearance of the floorcovering depends on the regular cleaning and maintenance. After installation basic cleaning should be made and later regular daily cleaning is recommended. In case of hospital application alcoholic or hydrogen-peroxide or sodium-hypochlorite content disinfecting additives should be used in the cleaning liquid. Do not use iodine type disinfecting chemical what can cause staining and yellowing. Do not use any polishing, wax or other additional surface treatment what influences the conductivity of the floor.

#### Initial cleaning after installation and periodical cleaning

Allow at least 2 days from the completion of the installation of the floorcovering, prior to carrying out any wet cleaning. Sweep floor area with a soft broom.

Depending on the level of site soiling after the installation is complete, it may be necessary to scrub the floor clean, using rotary scrubber or a scrubber-dryer fitted with a red pad and use neutral pH detergent.

If the soiling is not so high use mop cleaning with 2 buckets method. Always rinse the surface with clean water, remove all traces of detergent thoroughly.

#### Daily cleaning

Depending on the level of site soiling after the installation is complete, it may be necessary to scrub the floor clean, using rotary scrubber or a scrubber-dryer fitted with a white pad and use neutral pH detergent.

If the soiling is not so high use mop cleaning with 2 buckets method. Always rinse the surface with clean water, remove all traces of detergent thoroughly.

#### Recommended cleaning agents:

a. dr.Schutz / ESD Floor Cleaner

Initial and periodical cleaning dilution ratio: 1:10

Daily cleaning dilution ratio: 1:200 with mop,

1:400 with automatic cleaning appliance

b. ACL Staticide Inc/ ACL Staticide 4010

for initial and periodical cleaning Dilution ratio: 1:4

Daily cleaning: ACL Staticide Inc/ ACL Staticide 4020

Dilution ratio: 1:128

More detailed info: [www.aclstaticide.com](http://www.aclstaticide.com), <http://www.dr-schutz.com>,

#### Coating

After intense long-term use, if there is a difference in gloss on the surface of the floor and the surface begins to wear out, the surface of the floor must be provided with a special conductive coating.

Recommended coating materials: ESD Medicoat/manufacturer: dr Schutz ESD Medicoat has 2 parts, one is an ESD basic coating and the other is an ESD top coating.

These chemicals should only be applied by expert of dr.Schutz.

Detailed info can be found on the website: <http://www.dr-schutz.com>.