

Installation Instructions

Sigaway®

Dry Installation Method

Using the old covering instead of tearing it out.

For carpet

Information regarding suitability

Floor coverings

Suitable:

Glued down carpets

- Jute backing
- Synthetic action backs (SDR)
- Textile action backs (TR)
- Latex foam backs
- Carpet tiles with bitumen, jute, or PVC backs (exception: Flotex)
- Kugelgarn®

Not guaranteed:

- Oriental carpet, carpet runners
- Carpet runners with PVC-backs (e.g., dirt traps, Flotex)
- Carpet with adhesive repellent coatings on the back (e.g., polyurethane PU)
- Woven
- Coconut, sisal, cork
- NEODON (NEODUR Textil/TOP_BAC)
- Needle punch
- Latex backings with high concentration of aluminum tri hydrate flame retardant.

Suitable existing sub-surfaces

Suitable:

- Glue-down carpets (must be structurally sound)
- Cut and loop pile carpets with level patterns (telescoping)
- Needle punched carpets
- New carpet must exceed the gauge and strength of the old carpet
- Sub-floors with 3 lb/1000 sft. moisture emissions
- Plywood (prepared with film forming dispersion primer for dust resistance)

Not warranted:

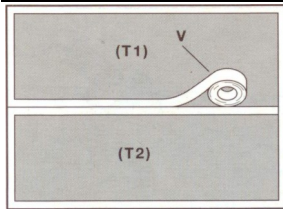
- Parquet: adhesive remnants
- Stone tiles: imitation profile
- Cushioned vinyl flooring with surface structured patterns
- Sub-surfaces containing bitumen or gypsum
- Marble/natural stone floors: yellowing
- On-grade or below-grade floors which do not have a moisture barrier installed
- Subfloors with >3.0 lb/1000 sft. Moisture emissions
- Insulating coverings
- Chipboard or acrylic coated wood
- Filled sub-surfaces

Preparing the sub-surface

1. **The sub-floor or old floor covering must be dust free, level, smooth and even (prevent telegraphing), without cracks, and may not be brittle.**
2. **Old floor covering must be firmly glued to the subfloor in all areas and may not be loose.** If the existing floor covering is damaged or worn in local areas, cut open, glue loose sections, repair with junk tile or floor covering of same gauge and density. Alternatively fill holes or cracks with gray Portland cement based troweled compound. Gypsum leveling compounds are not permissible (dust!).
3. **Condition sub-floor, floor covering and Sigaway® for at least 6-12 hrs. at >68 F (>18 C).**
4. **Residual moisture of subfloor. Same requirement as for direct glue-down with conventional adhesives <3.0 lb/1000 sf.**
5. **Sub-floors must be vacuum-clean, and must be dust, oil, and wax free.** Normal stains (drink stains etc.) need not be cleaned.
6. **General**

Installations should conform to the general requirements of applicable national standards (such as B.S. 5325, B.S. 8203; ASTM S 710; CRI C104 and CRI C105).

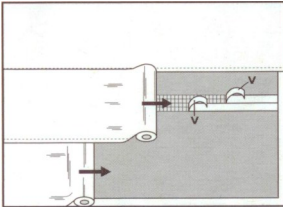
Installing the Sigaway®



1 Stick SUPERTape 7900 construction tape to the floor

- For the edge/wall areas, stick a strip of the double-sided SUPERTape 7900 construction tape (V) onto the covering sub-surface.
- At the seam locations (T1, T2), stick two strips next to each other.

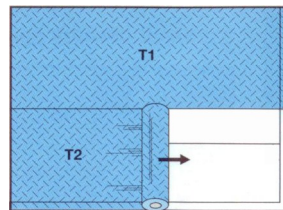
Attention Only use plasticizer resistant SUPERTape 7900 construction tape.



2 Lay the Sigaway®

- Only remove the protective paper from the double-sided adhesive tape (V) in the area of the seam.
- Lay the Sigaway® run by run with a 1" (2 cm) overlap in the running of working direction, and rub in well.

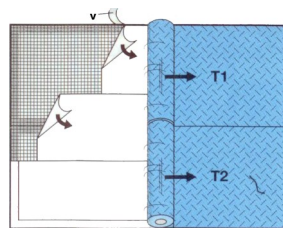
Attention Only lay as much Sigaway® as the floor covering that will be laid on the same day.



3 Roll out new carpet

- Temperature condition the floor covering to >68° F (18° C).
- Lay the carpet runs T1 and T2 on the Sigaway® without tension, and match up roughly.
- Cut the edges of the carpet seams according to the manufacturers specification (seam edge cutter). When making a double cut, place a metal strip underneath.

Attention Never cut through the Sigaway®.

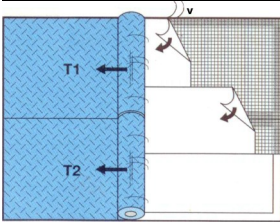


4 Sticking down the carpet run T1

- Roll back the carpet to the middle in the direction of the run.
- Remove the SUPERTape 7900 construction tape protective paper.
- Pull the protective paper away from the Sigaway® flat and straight up to the folded-back carpet (lower run first).
- Cut off the removed protective paper leaving a 4" (10 cm) balance and fold under the folded back covering to form a flap.
- Stack the protective paper together and pull up (to minimize) waste volume).
- Lay the first carpet run free from tension and bulges and rub in.

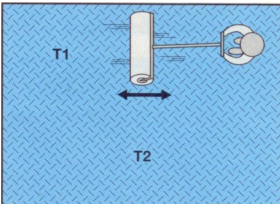
Attention Always pull the protective paper from the underlying Sigaway® first.

Installing the Sigaway® *continued*



5 Sticking down the carpet run T1

- Fold back the second half of the carpet and pull off the remaining protective paper with the aid of the flap.
- Lay the fitted carpet, rub in, and cut the edges to match.



6 Finally, smooth in well

- The carpet being laid must be rolled in from the middle.
- Roll in the floor covering crosswise using a heavy roller.

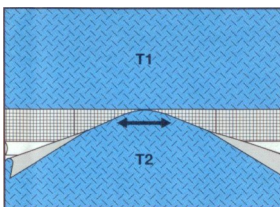
Tips & Tricks



1. Laying the Sigaway® quickly

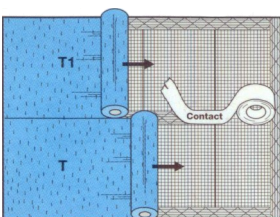
2 person procedure

- Unroll approx. 40" (1 metre) of Sigaway® and align precisely
- The first person moves backwards with the Sigaway® roll.
- The second person stands on the unrolled Sigaway® run and rubs it in with a brush.



2. Matching patterns

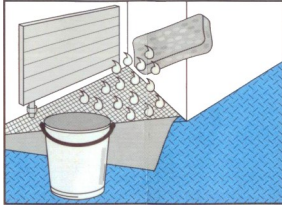
- To match up the individual runs of carpet, fold back halfway along the seam. Pull off the protective paper from this area.
- Lay one side free from traction, tension and undulations, and rub in.
- Then lay the other side, and match the seam precisely, moving left and right from the middle
- Then Rub or roll in well



3. Carpets with rough backings

- Apply a strip of Contact 85 (carpet skirting tape) onto the Sigaway® in the areas of the seam and the edges of the floor covering. This will increase the adhesive force with regard to the back of covering.
- Lay the carpet free of tension.

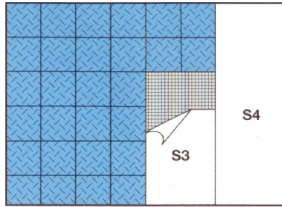
Note → *Temperature condition the carpet runs.*



4. Water trick for carpets

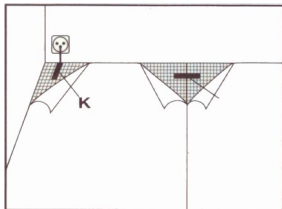
Use when laying seams/cutting and pushing in the floor covering under a radiator and so on:

After pulling off the protective paper, and before laying the floor covering, Sigaway® can be dampened in places using a wet sponge. The covering is then laid on the damp Sigaway®. The adhesive force will thereby be neutralized for a few minutes. Once the water has evaporated, the covering will stick immediately. Then rub in the floor covering again.



5. Laying carpets tiles

- Remove the protective paper.
- Make the markings directly onto the Sigaway®. With light sub-surfaces, make the markings directly onto the existing covering that will be covered over before rolling out the Sigaway®. The markings can then be seen through the Sigaway® material.
- **When laying the tiles**, only pull off as much protective paper from the Sigaway® as is necessary at the moment in time.
- In order to ensure **access to raised floors**, individual tiles can be lifted together with the Sigaway® at any time: to do this, run a carpet knife along the edge of the tiles and cut the Sigaway® on the floor. Then lift the tiles together with the Sigaway®. Each tile can be re-used together with the Sigaway®.



6. Installing conductive carpet

- Limited to carpet or carpet tile with electrically conductive backing.
- First connect the individual Sigaway®-electronic sheets with the supplied copper tape **K**, whereby the copper side must face downwards.
- Two or more grounding connections per area are recommended. Fold back the protective paper by 10 cm, lay the copper tape and connect to earth.

Limitations

1. Do not use Sigaway® on stairs or walls.
2. Removal of a Sigaway® installation at a later date can result in adhesive and flooring material residues on the old floor. This is likely if the flooring Sigaway® is weak or has turned brittle, or if backings separate from the flooring. There is a possibility of chemical bond of migrated plasticizer from vinyl flooring through Sigaway® to acrylic coated surfaces, such as wood. Sigaway® is therefore not suited for use over original floor coverings that are intended to be re-used in their original condition.
3. Laying temperature: + 18 °C (>68 °F), applicable to the floor, Sigaway® and the covering.
4. Sigaway® is not suitable for outdoor use (e.g., artificial grass)
5. When laying, never work with stretching equipment (toggle stretchers, etc.)
6. Temperature condition the floor covering sufficiently in the room.
7. The reuse-ability of any flooring that was installed with Sigaway® and was subsequently removed is not warranted.
8. Sigaway® installations over subfloors with >3lb/1000 sft moisture emission are not warranted.

Note

Specific working conditions, unpredictability of sub floor conditions and the variety of different materials which may be installed will always require adequate trial installations by the customer for specific applications.

These instructions are subject to revisions without prior notice due to new findings and practical experience. The installer should check with the Sigaway® distributor for specific flooring types, subfloor conditions, and updated installation instructions prior to purchase and installation. The installer or project owner should check with the provider of the selected solid vinyl or cushioned vinyl flooring materials that their respective products are suitable for installation with Sigaway®.

For U.S.A., Canada, UK

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This version of the Installation Instructions (August 2008) is the only valid version, and replaces all earlier variants.