

LAYING TECHNIQUES FOR MULTILAYERED ROLLS ON ISOLSPORT



In accordance with the local standards

Before laying the flooring, examine it to detect any problems of a visual nature. If there is an aspect defect, inform GERFLOR and do not start laying without its agreement.

AREAS OF USE

The flooring classification is kept when it is laid on Isolsport.

PREPARING THE SUBSTRATE: When laid on a hydraulic substrate WITH a risk of humidity, if necessary use a resin based surfacing/levelling cement. Do not use a classic filler.

If laid on a hydraulic substrate with NO risk of humidity, if necessary use a classic levelling screed. If laid on a TIMBER substrate, use a type fibre-based levelling coat.

• 1 - CHOICE OF JOINT TREATMENT

The choice of joint treatment is kept when the flooring is laid on Isolsport.

ROLLS	Heat welded joints + Peripheral trimming or coving. See Finishing chapter
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• 2 - LAYING SPORISOL UNDERLAY (WIDTH: 2 M) AND FLOORING (WIDTH: 1.50 M OR 2 M)

- Unroll the Isolsport or Batisol underlay edge to edge black and white part facing the substrate. At the same time unroll the material onto the Isolsport or Batisol leaving 1 cm between each length. The lengths will be brought together the following day leaving 1 mm between each length to enable heat welding.
- Joins between the flooring and Isolsport or Batisol should be offset by at least 17 cm (except for SAGA tiles).
- The joints between lengths should, wherever possible, and taking into account the width used, be placed away from anticipated high traffic zones.
- Lengths should run towards the wall with the main window or lengthways.
- In corridors, lengths will be laid in the direction of main movement unless specified otherwise in the Contract Documents.

2.1 - Treatment of edges

In dry areas, the peripheral edges will be treated using the following system:

- Cut the Isolsport underlay 1 cm from vertical walls
 - Cut the chosen flooring around the periphery 1 cm from vertical walls
 - To finish, fit coving, to cover the functional joint.
- NB: The coving will be positioned to cover the complex, without compressing it.**

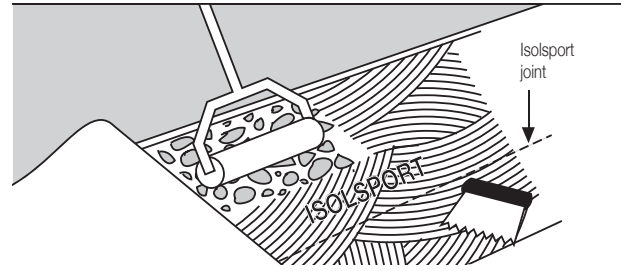
In wet areas, the peripheral edges will be treated using the following system:

- Cut the Isolsport underlay 1 cm from vertical walls
- Fit the coving on the wall and the Isolsport
- Fit the flooring on a supporting form bonded to the vertical wall.

• 3 - GLUING AND LAYING Isolsport UNDERLAY

Isolsport or Batisol underlay should be fixed for a width of at least 20 cm, discontinuously around the periphery and at doorways.

Substrates	On damp substrates or with risk of rising damp	On other substrates or old flooring
Adhesive Peripheral gluing	Reactive adhesive	Dispersion adhesive in aqueous phase



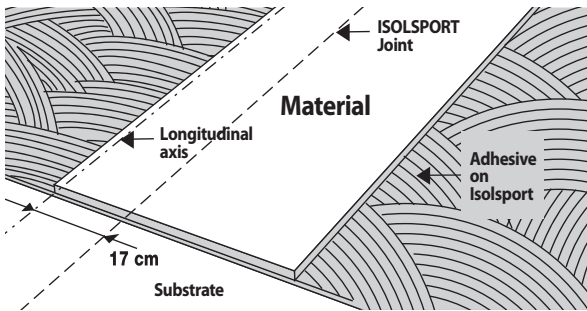
To get the correct setting time: Flatten ridges in the freshly applied adhesive with a medium length pile roller.



As the adhesive is designed for gluing impermeable material to impermeable material, it is essential to wait for the film of glue to totally adhere. If the waiting time is insufficient, blisters will form.

To reduce the waiting time, we advise ventilating the area by any appropriate means (blower, fans, etc.).

• 4 - GLUING AND LAYING THE FLOORING



IMPORTANT

- Direction of laying: see general table.
- Gluing takes place 24 hours after laying.
- Heat welding: lay with a 1 mm space between lengths.

4.1 - Acrylic adhesive

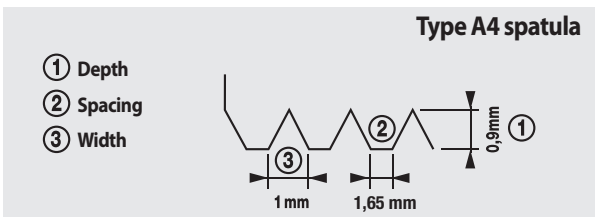
Substrate dryness ratio 4.5% < Residual moisture content < 7%

Use a dispersion adhesive in aqueous phase (acrylic) suitable for gluing PVC flooring on compact underlay (compact/compact).

- Application is by simple gluing with a dispersion adhesive in aqueous phase (acrylic), enabling a compact/compact application. Use a finely toothed spatula, with an A4 type blade (TKB specification). Coverage: about 150 to 200 gr/m².

To promote the elimination of water in ridges of adhesive, it is necessary to flatten the freshly applied adhesive, with a medium length pile roller (Change the spatula as often as necessary to comply with this recommendation).

WAITING TIME: The film of glue is set when it no longer sticks to the finger.



- Fold half the flooring back.
- Glue the substrate and apply the material to align with the marks.
- Repeat with the second halves.

NB!

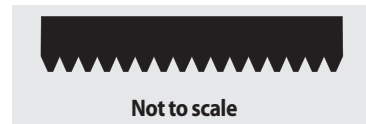
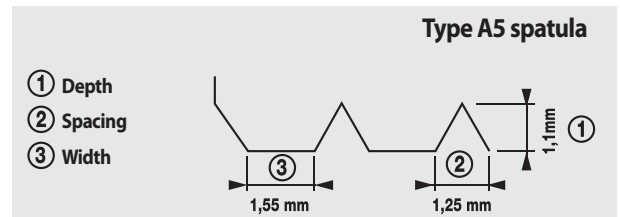
- Meticulously follow the adhesive supplier's instructions and respect the waiting time.
- Do not overlap two films of adhesive when resuming gluing.
- Remove any traces of adhesive as work progresses.

4.2 - Gluing with a reactive adhesive

Substrate dryness ratio 7% < Residual moisture content < 10%

Use a reactive adhesive (dual component) for laying on a substrate with a moisture content of over 7%, with a moisture-proof barrier (polyethylene film) or no barrier.

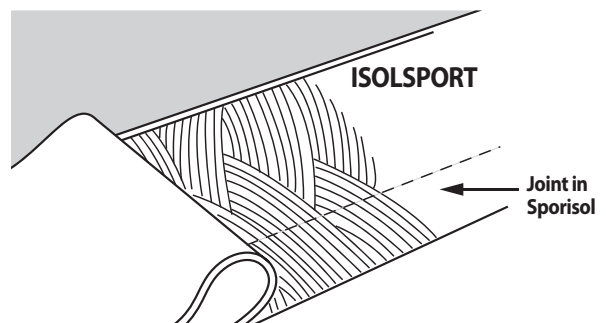
The flooring is glued down 24 hours after the lengths are laid out flat. The glue is a reactive adhesive used at 250 to 300 gr/m², spread uniformly on the Sporisol with a type A5 spatula, (TKB specifications).



*** USE 7 KG MAXIMUM PACKS OF ADHESIVE.**

Use only adhesives recommended by Gerflor: Uzin KR 421, Mapei Adesilex G 20

N.B: The quantity applied depends on the density of the adhesive.

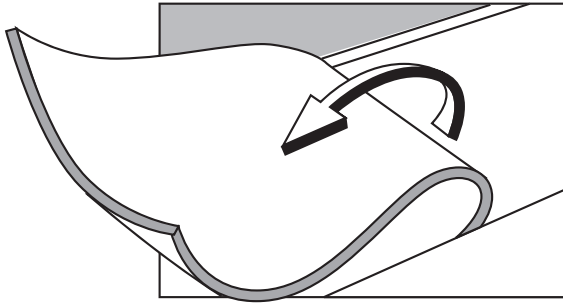


4.3 - Laying the flooring

For gluing, fold back half the flooring.

Begin by applying to the central half lengths either side of the initial string mark. Fold back the second halves and work similarly, then lay the next lengths and continue, ending with the lengths against walls. Lengths are laid immediately after the glue is spread and are stuck down manually as work progresses.

The flexible reactive adhesives (polyurethane) do not have sufficient waiting time and are sensitive to high ambient humidity.



• 5 - ROLLING OUT

5.1 - For acrylic gluing

This must be done in two stages:

- Manually, using a cork smoothing press
- Rolling out over the entire surface with a 50 Kg roller when installation is complete

5.2 - For gluing with a reactive adhesive

It is done in two stages:

- Manually, using a cork smoothing press
- It is necessary to use weight distribution plates when moving on the flooring. This operation should be repeated until all air pockets are eliminated.
- Sticking down with a roller (Fig.1) at least two hours after.

Any moving about or work on the flooring before the adhesive has set must be done using weight distribution boards or tilers' slippers.

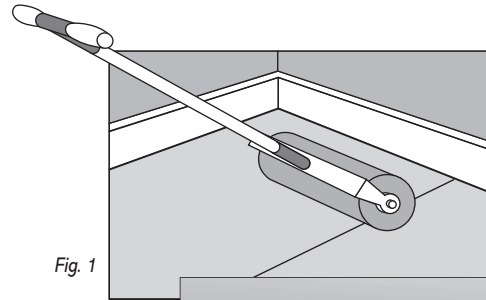


Fig. 1

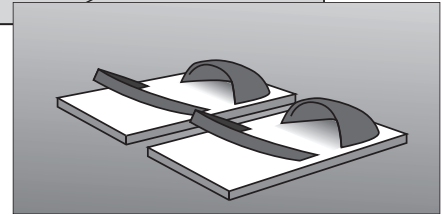


Fig. 2

• 6 - COVING

See "FINISHING" chapter.

• 7 - TREATMENT OF JOINTS

See "FINISHING" chapter.

• 8 - PUTTING INTO SERVICE – TRAFFICKING

- Do not walk on the flooring for 24 hours after laying.
- Do not install fittings or furniture for 48 hours after laying.
- Do not use furniture with rubber feet.