

## LAYING CONTRACT PRODUCT ON ISOLSPORT NOT SUITABLE FOR HOMOGENEOUS PRODUCT

Check with our technical department prior to installing any product on Isolsport.



Ambient temperature  
Min: 15°C



Sub-floor temperature  
Min: 10°C

### 1 . TREATING JOINTS

Hot welding is essential except in the case of SAGA tiles.

Joints should be treated in accordance with local building regulations.

### 2 . INSTALLING THE ISOLSPORT UNDERLAYMENT (2 M WIDE) AND THE ISOLSPORT FLOORCOVERING (1.5 M OR 2 M WIDE).

Unroll the ISOLSPORT underlay edge to edge with the black and white arrow downside on the sub-floor. SIMULTANEOUSLY unroll the floorcovering onto the ISOLSPORT leaving a 1cm gap between the sheets.

The joints of the ISOLSPORT underlayment must not coincide with the floorcovering joints. They must be staggered by at least 17 cm (except for SAGA tiles).

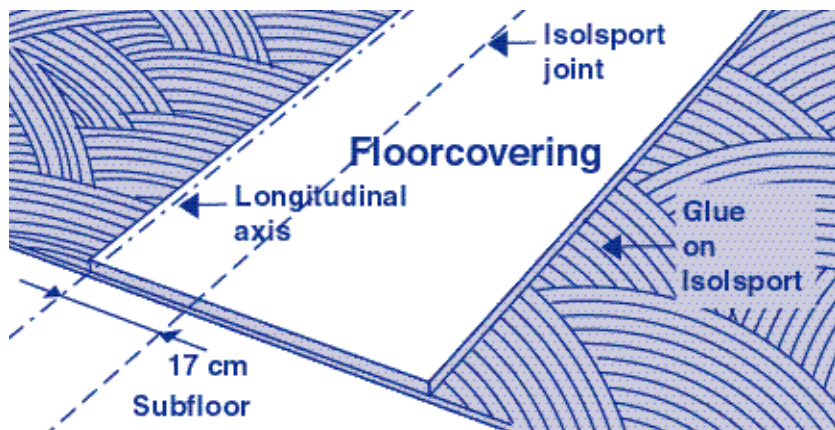
Taking into account sheet width and the overall room size, joints should, whenever possible, avoid areas which will be subjected to heavy traffic.

Flooring sheets should be laid facing the wall containing the main window i.e. the main light source.

In corridors flooring sheets should generally be laid in the direction of the main traffic flow.

### 3 . STICKING AND APPLICATION OF THE ISOLSPORT UNDERLAYMENT

The underlayment is stuck down onto the sub-floor taking it up to and under doorways finishing off at room edges with a two-part polyurethane or epoxy adhesive.



## 4 . STICKING AND APPLICATION OF THE FLOORCOVERING

### NOTE:

- Direction in which to lay.
- Sticking down is done 24 hours after laying.
- Hot welding: lay with a 1 mm gap between sheets.

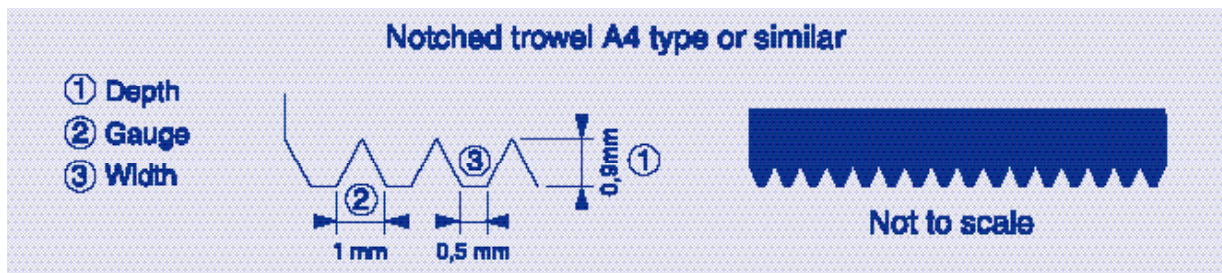
Acrylic (high impact/high impact) adhesion  
Moisture level of sub-floor should be between 4% and 7%

Use a high impact/high impact acrylic adhesive.

Laying is with single stick adhesion using a high impact /high impact.

acrylic emulsion adhesive spread with a fine toothed A4 Type notched trowel (TKB recommendations) at an adhesive consumption rate of between 150 and 200 g/m2.

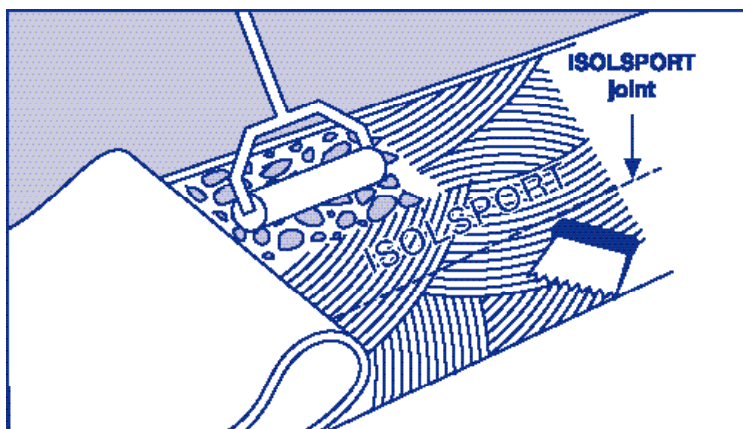
(The notched trowel must be changed as often as necessary to maintain this adhesive consumption rate).



Fold the sheets back on themselves halfway.

Apply adhesive to the sub-floor and then place the floorcovering exactly along the starter guideline.

Do likewise with the second halves.



### NOTE:

- Closely follow the adhesive manufacturer's instructions with particular regard to waiting time.
- When resuming the glueing process never allow a second adhesive film to form over the original.

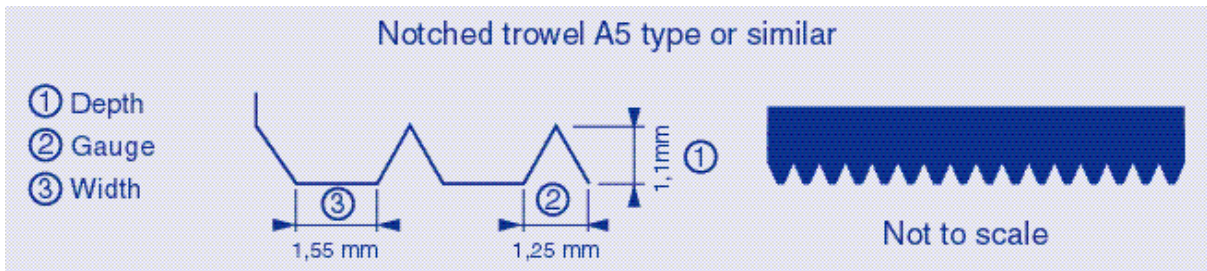
**For a waiting time to be effective and to get rid of moisture, it is essential to break down the notched trowel serrations during or immediately after applying the adhesive. This is done with a medium mohair roller.**

**Since the adhesive is designed for sticking one waterproof material to another waterproof material, it is important to ensure that the glue film is given full waiting time. If the time is too short, blistering could well occur.**

Polyurethane adhesion - Sub-floor moisture content must be between 7 and 10%

A two-part glue must be used for sub-floors with more than 84% RH humidity whether a waterproof membrane is present or not.

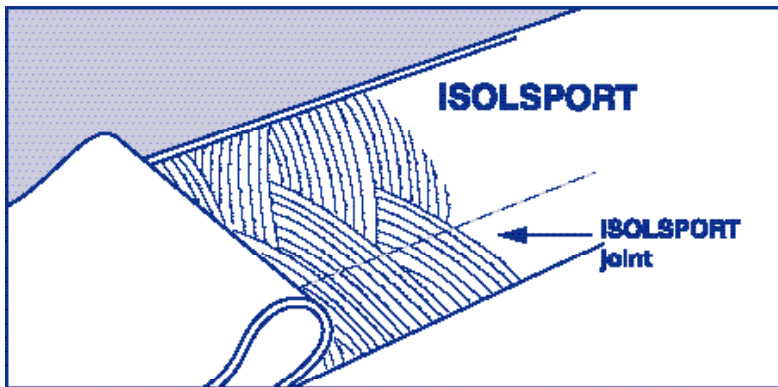
Adhesion takes place 24 hours after the sheets have been laid out. Sticking is with a TWO PART POLYURETHANE ADHESIVE \* using an A5 Type notched trowel (TKB standard) at an adhesive consumption rate of 250 to 300 g/m<sup>2</sup>.



\*Adhesive should be supplied in containers containing no more than 7kg.  
We recommend the following adhesives:

KR 421 from UZIN - G 20 from MAPEI

NB . The volume of glue applied depends on its density.



### Laying the sheets

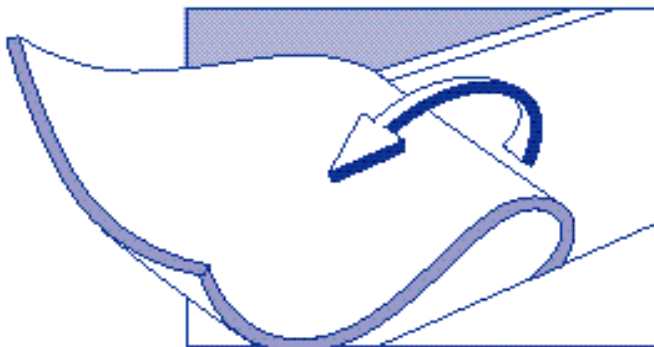
For sticking down turn the sheets back on themselves in halves.

Begin laying with the two half-sheets in the centre positioned either side of the starter guideline.

Fold back the second halves and proceed likewise. Continue in this way right to the wall edges.

Application of the sheets is done immediately after the glue has been spread. Manual smoothing takes place sheet by sheet during the laying process.

Since polyurethane glues have no waiting time, they will not adhere properly if the ambient humidity is too high.



## 5 . SMOOTHING OUT AND ROLLING

For acrylic adhesion

This is done in two stages:

Manual smoothing with a cork smoothing press whilst sheets are being laid,  
After at least an hour's wait, rolling out of the entire surface with a 50 kg roller.

For polyurethane adhesion

This is done in two stages.

Manual smoothing with a cork smoothing press. It is essential when moving across the newly laid surface to wear special weight dispersing slippers. All bubbles must be eliminated at this stage.

After at least two hours' wait, rolling out of the entire surface with a 50 kg roller (Fig 1) wearing weight dispersing slippers. (Fig 2)

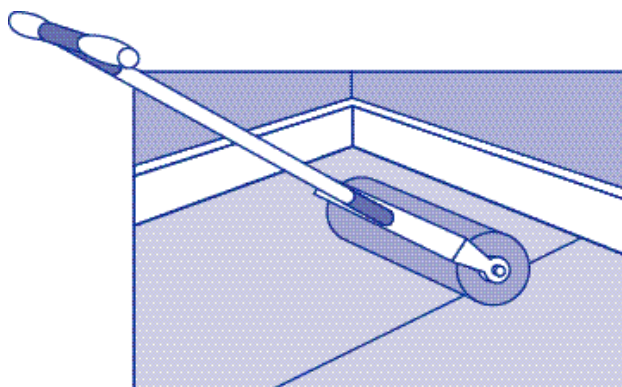


Fig.1

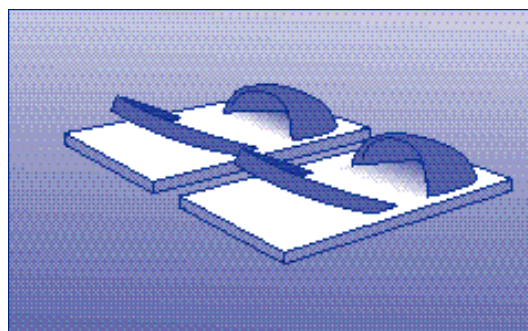


Fig.2

Any movement which takes place on the flooring before the glue has been allowed to harden must be done using weight distribution panels or weight dispersing slippers.

## 6 . FINISHING AND COVING

See "FINISHING" - Coving

## 7 . TREATMENT OF JOINTS

See "FINISHING" - Treatment of joints

## 8 . PUTTING INTO SERVICE AND TRAFFICKING

No trafficking for 24 hours after laying.

No furniture movement over the surface for 48 hours after laying.

Forbid the use of rubber furniture feet protectors.

### ADHESIVES RECOMMENDED FOR USE WITH ISOLSPORT

MANUFACTURER	GLUE	
	ACRYLIC HIGH IMPACT/HIGH IMPACT	BICOMPOSANT
UZIN	KE 2000 S	KR 421
MAPEI	ADESILEX V4 SP	MAPEI G20
MANG	POLYMANG S.M	/
ATO FINDLEY	SUPER SADER TAC	/
	SUPRACOL 3000	/
AKZO NOBEL	TECHNICRYL	/

Information contained in this table is correct when going to press but is subject to change by the manufacturer