

FREE FLOATING ECO-FIT™ SYSTEM INSTALLATION METHOD

■ 1 - SUBFLOORS

The following subfloors can be used for semi loose lay installation:

- Assembled screeds
- Screeds or slabs on insulation
- Concrete floors on upper levels

These subfloors must be free from any risk of humidity at the time of installation and life long.

This type of installation is recommended for use on upper levels, heated floors, old compact sports flooring, still glued correctly.

For all other subfloors, please contact us.

■ 2 - MATERIALS

Slight width differences (within tolerances) of the rolls can occur

Compatible materials: Taraflex™ Multi-Use 6.2, Taraflex™ Sport M Evolution, Taraflex™ Sport M Performance

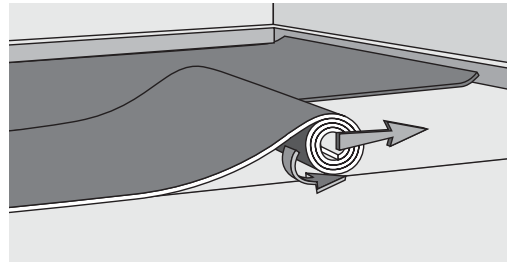
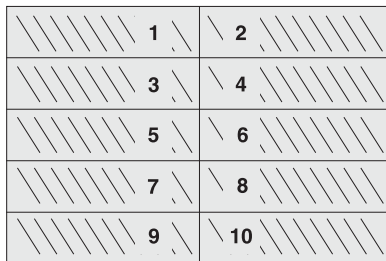
■ 3 - UNROLLING THE MATERIAL (24 hours before fixing)

- Minimum ambient and subfloor temperature must be in accordance with the local standard
- Strike 2 marking lines on the subfloor representing the transverse and longitudinal axis of the hall, given by the anchors
- Unroll and lay out the rolls for 24 hours numbering the lengths and keeping them in order, leaving 1cm between the lengths.
The lengths will be laid from the transverse axis along the longitudinal axis in accordance with the floor-plan for two-tone schemes.
CAUTION: The lengths should be unrolled starting from the centre of the sports hall.
- The part of the material closest to the core must be placed along the walls or outside the game area.

■ 4 - POSITIONING THE FLOORING (just before fixing)

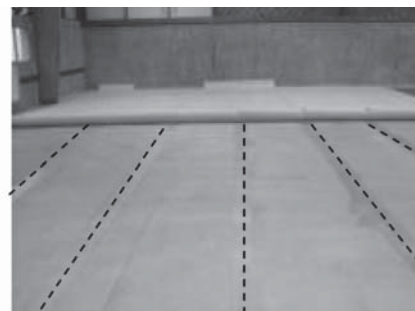
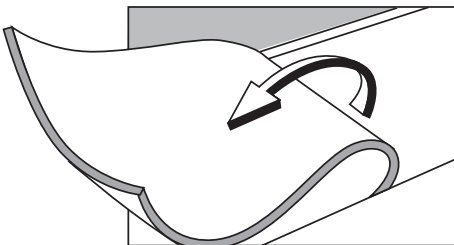
Position the lengths close to the longitudinal axis, leaving 1 mm between each length.

Example:



■ 5 - ADHERING UNDER THE EDGES, AT THE PERIPHERY AND IN FRONT OF ACCESS AREAS OR STORAGE AREAS AND ON THE HALFWAY OF THE LENGTHS OF THE ROLLS

- It takes place 24 hours after having unrolled and laid out the rolls.
- Fold the lengths back halfway, and strike a line of pencil or line marking along the edge and on the half way of the rolls in order to define a 10 to 15 cm bonding area on either side of the line.



- Apply the acrylic or pressure sensitive adhesive 10 to 15 cm on either side of the line marking;
 - For acrylic, 300 to 350 gr/sqm, 125 - 185 sq. ft. per US gallon (3.06 - 4.53 m2 per liter).
 Apply it with A2 Norm TKB, or 1/16" x 1/16" x 1/16" square notch (1.6 mm x 1.6 mm x 1.6 mm)
 - For pressure sensitive adhesive, apply 150 to 200 g/sqm, or 185 - 245 sq. ft. per US gallon (4.53 - 6.0m2 per liter) with a half long hair roller.
- **NOTE :** To achieve this coverage, it is necessary to change the spatula or roller regularly

• Carefully follow the adhesive manufacturer recommendations.

| Type of adhesive | Manufacturer | Adhesive | Coverage | Tool |
|-----------------------------|---------------------------|--------------------------------|-----------------|---------------------|
| Pressure sensitive adhesive | EUROCOL BOSTIK | 542 EUROFIX TACK + ADESITEC | 150 / 200 g/sqm | Spatula A4 Norm TKB |
| Acrylic adhesive | ALL | With 0,5% solvent | 250 / 300 g/sqm | Spatula A2 Norm TKB |

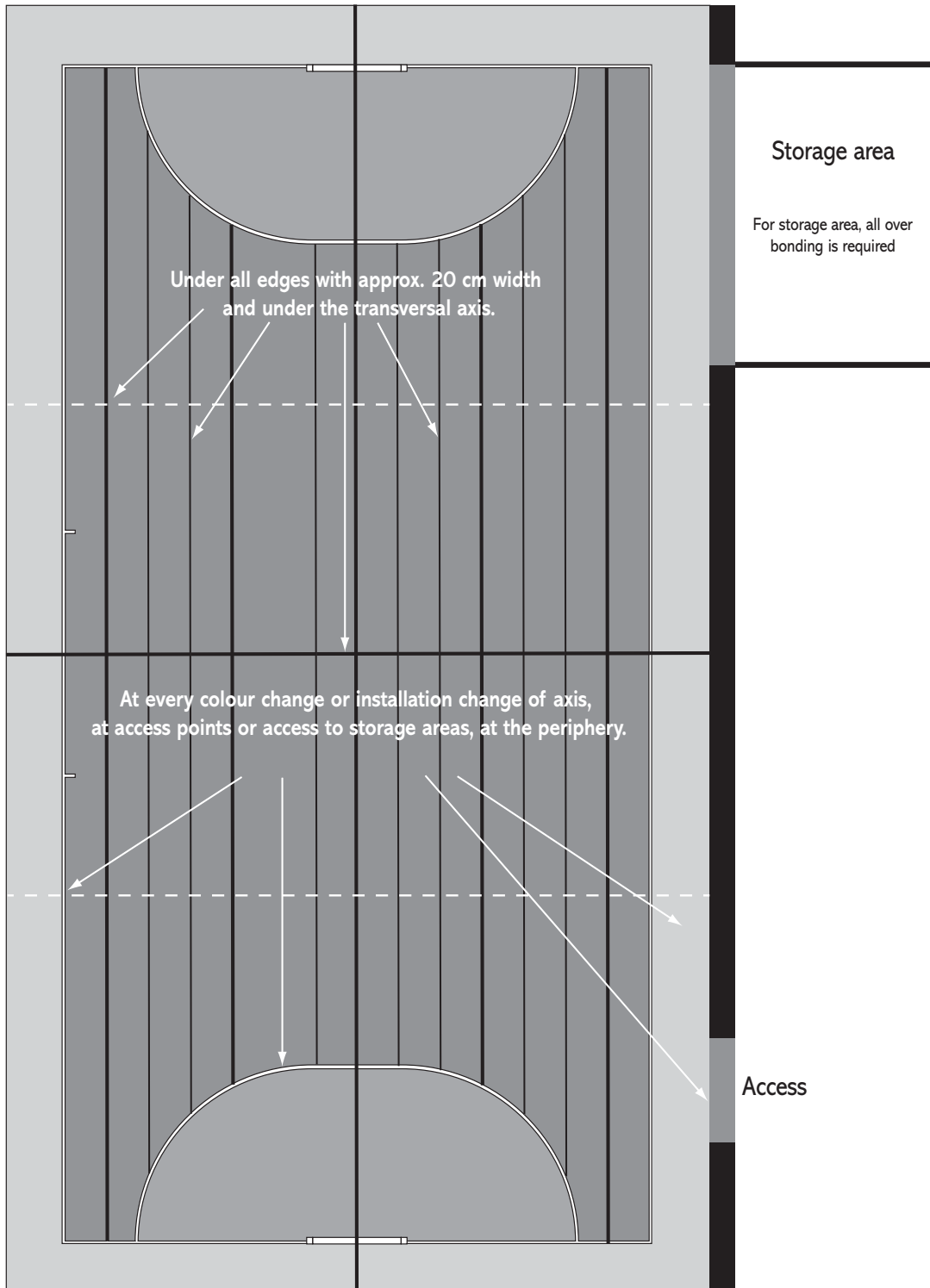
For other adhesives please contact the gluing manufacturer.

Recommendations for bonding :

Respect the waiting time (open time) which depends on temperature, ambient humidity, the porosity of the subfloor and adhesive coverage. Clean adhesive stains (when fresh) and tools with water or with another detergent recommended by the adhesive manufacturer.

NOTE : DO NOT APPLY ADHESIVE AROUND THE RESERVED ALLOWANCES.

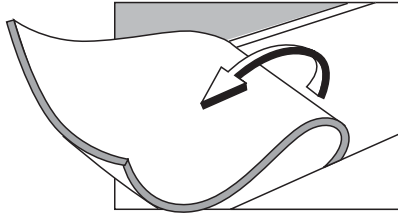
Application of acrylic or pressure sensitive adhesive



Example of a Handball court

5.1 - Laying the lengths

- To stick-down, fold the lengths back halfway.
- Start laying with the length-halves in the centre of the hall located on each side of the first strike line.
- Fold back the second halves and proceed in the same way, then apply the following lengths leaving 1mm between each length and continue in the same way finishing up at walls.



5.2 - Rolling

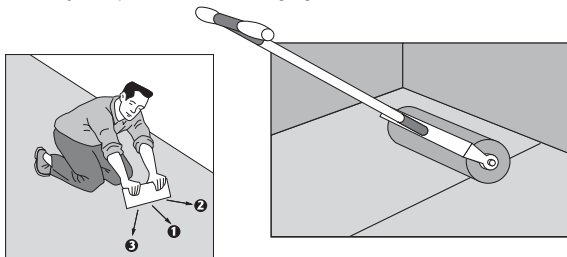
Rolling is compulsory and necessary to provide correct transfer of the acrylic.

Rolling is performed in two stages:

Manual bubble removal at the time of application using a cork wedge.

Rolling glued areas ONLY using a 50 kg roller.

Do not roll non-glued areas with a heavy roller which could make the underlay creep and/or cause bulging.



Joints do not require seaming by hot or cold welding.

5.3 - Hot Welding (12 hours after)

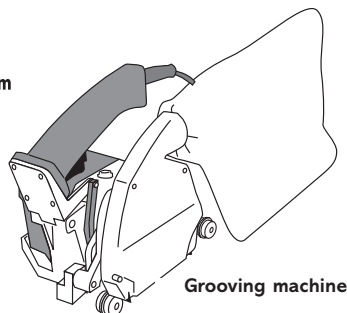
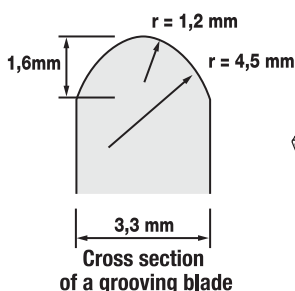
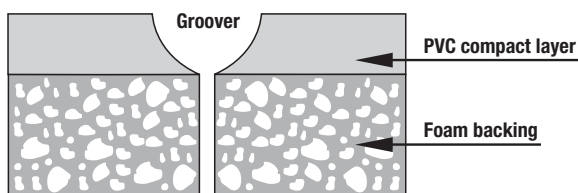
This type of installation requires that hot welding be carried out in the best possible conditions so as to obtain optimum welding qualities.

5.3.1 - Grooving / Routing

This operation entails opening up the joint, levelling it off and then removing surplus adhesive which could weaken the weld.

It is carried out using an electrical grooving machine equipped with a 3.3 to 3.5 mm milling cutter.

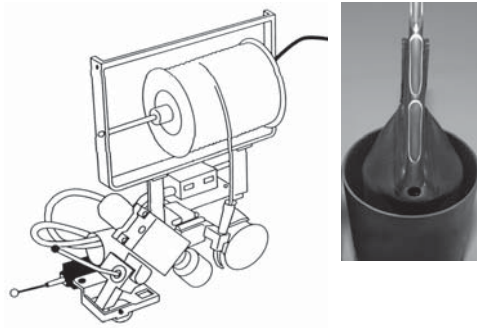
It is necessary to groove through the thickness of the wearlayer to the foam backing.



5.3.2 - Welding with automatic trolley

This is done using a UNIFLOOR type LEISTER welding trolley with an electronic hot air welding gun and multi-outlet nozzle designed for this purpose.

Nozzle references: ROMUS : 95254
 JANSER : 225 860 040
 LEISTER : 105 407



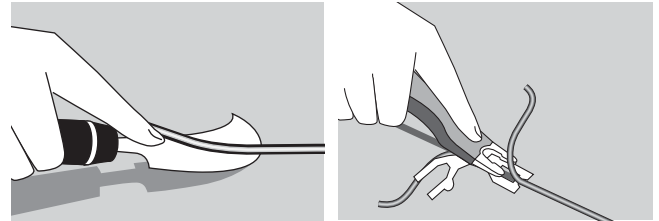
5.3.3 - Trimming weld rod

Trimming must be done in one pass.

Using a trimming tool sharpen in the middle only, such as the Mozart, is recommend:

Trim has to be done with the trimmer only.

This method prevents concave welds and must be done when the rod is cold.

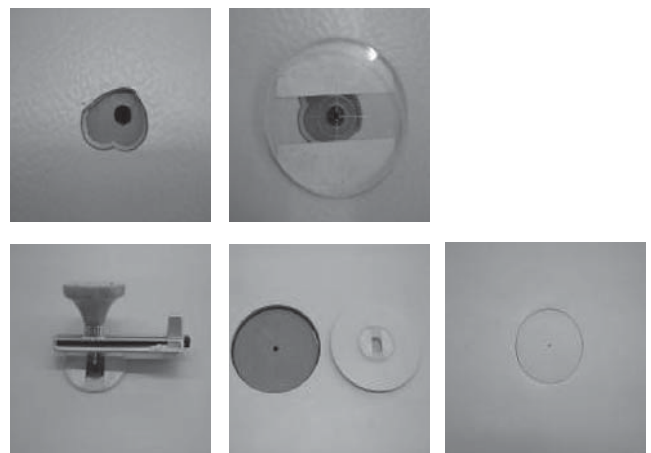


Available from Gerflor - Ref. 0561 0001 - Spare blade - Ref. 0542 0001

5.3.4 - Finishing

There are accessories which achieve excellent finishing around the reserve allowances:

- Circle cutter fitted with a center circle cutter (Ref. 262 262 500 - Janser)



IMPORTANT : Should you require information concerning the material, GERFLOR is available for advice.

IMPORTANT: commissioning timeframes:

- For normal walking traffic commissioning occurs at least 24 hours after completion of the works.
- For implementation of sporting equipment and rolling load traffic wait 72 hours.
- Because of the free floating System, we recommend to install aluminium plates under heavy static and dynamic loads