

LAYING TECHNIQUES FOR STUCK DOWN FOR TARAFLEX® SPORTS FLOORING

■ 1 - MATERIALS

Differences of width (tolerances) may exist between the rolls.

■ 2 - UNROLLING OF THE MATERIAL

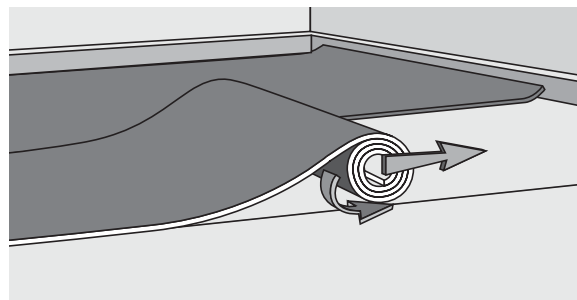
Minimum ambient temperature for laying : must be in accordance with the local standard.

- Strike marking line on the subfloor representing the transverse axis of the sports hall in line with the anchor points and another representing the LONGITUDINAL axis.
- Unroll and lay out the rolls for 24 hours ALONG THE LENGTH OF THE SPORTS HALL or in accordance with a floor plan eg. for two-tone schemes. This is done by numbering the lengths, keeping them in order and leaving a gap (mini 1 cm) between each rolls.

■ 3 - POSITIONING THE FLOORING

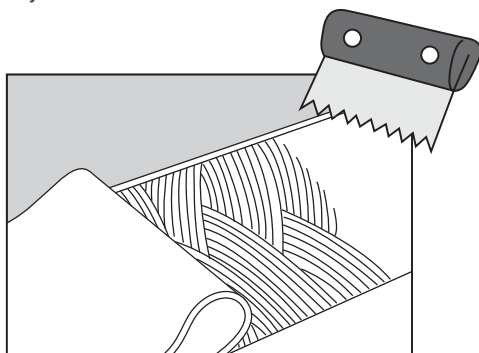
Position the lengths in the direction of the longitudinal axis by leaving a 1 mm overlap between each length.

CAUTION : the lengths should be unrolled starting in the centre of the sports hall.



■ 4 - STICKING-DOWN

- This is done 24 hours after having unrolled and laid out the lengths.
- The application is be done by priming and using acrylic emulsifying adhesives with a finely toothed spatula or trowel 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). Coverage rate is 300 to 350 gr/sqm or 125 - 185 sq. ft. per US gallon, (3.06 - 4.53 m2 per liter). To achieve this coverage, it is necessary to change the spatula regularly.



IMPORTANT :

- Forbid any trafficking for 48 hours after laying as well as any furniture movement.
- Follow carefully the recommendations of the adhesive manufacturer.

Recommendations for good adhesion:

Respect the waiting time (open time) which depends on the temperature, ambient hygrometry, porosity of the subfloor and the adhesive coverage.

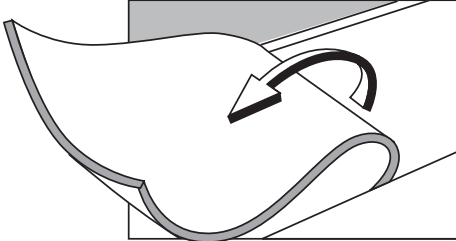
If the flooring is applied to adhesive with insufficient waiting time, it will bubble.

If the flooring is applied to adhesive which has gone past its open time, there will be insufficient adhesive transfer to the underside of the floor finish.

When using Polyurethane adhesive, refer to the laying method for "waterproof membrane".

4.1 - Laying the lengths

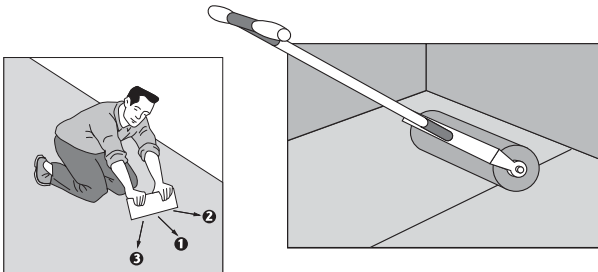
- To stick-down, fold the lengths back halfway (see diag). Start laying with the length halves in the centre of the hall located on each side of the first strike line.
- Fold back the second halves and proceed in the same way; then apply the following lengths edge-to-edge without leaving a gap and continue in the same way finishing up at walls.



4.2 - Rolling

It is essential and carried out in two stages:

- Manual rolling to position lengths.
- Final rolling of the whole surface with a flooring roller.



4.3 - Hot welding (12 hours after sticking-down)

4.3.1 - Grooving

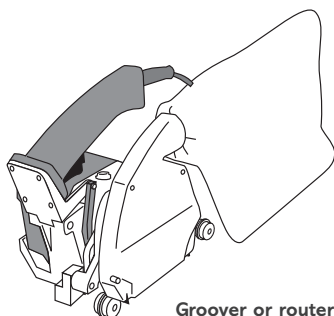
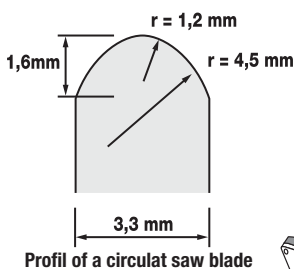
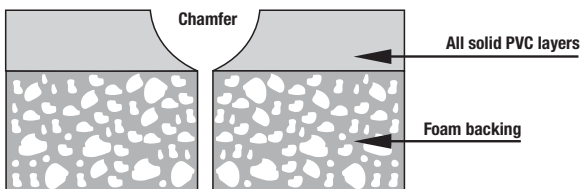
This operation entails opening up the joint, levelling it off and then removing surplus adhesive which could weaken the weld.

There are two ways of grooving:

- manual grooving with a suitable tool (triangle, ruler)
- mechanical grooving with an electrical grooving machine equipped with a trapezoidal cutter.

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

(Special case : TARAFLEX SURFACE flooring, groove through the wearlayer less 0.3 mm).



4.3.2 - Automatic welding

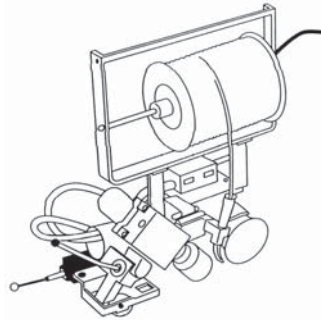
This is done using a UNIFLOOR type LEISTER welding trolley with electronic hot air welding gun and a narrow multi-outlet nozzle designed for this purpose.

Référence des buses :

ROMUS : 95254

JANSER : 225 860 040

LEISTER : 105 407



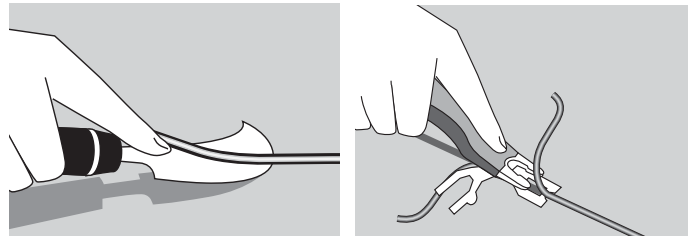
4.3.3 - Trimming weld rod

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.



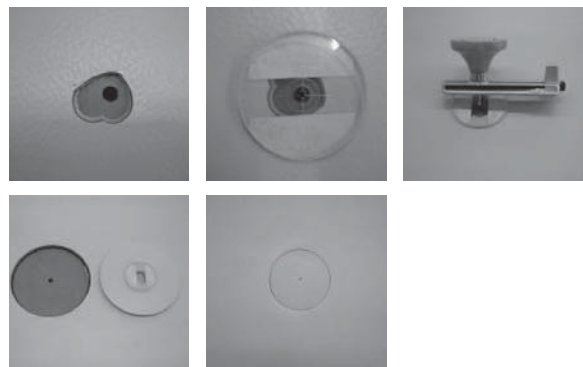
Available from Gerflor - Ref. 0561 0001

Spare blade - Ref. 0542 0001

4.3.4 - Anchor points

It is essential to use the accessories below to insure a perfect finish around the anchor points.

- Circular cutter equipped with a center point plexiglass device



IMPORTANT: commissioning deadlines:

- For normal walking traffic, commissioning occurs at least 24 hours after complete installation including game lines.
- For implementation of heavy objects, bleacher seating, sporting equipment and rolling traffic, allow 72 hours after installation.

IMPORTANT :

GERFLOR is at your entire disposal for any further information you might need concerning their floorings.