

INSTALLATION OF THE DRY-TEX™ DIRECTLY BONDED TO CONCRETE SUBFLOORS AS PER THE DRY-TEX™ SYSTEM

Do not install any Gerflor TARAFLEX® SPORT FLOORING unless you are certain that the site conditions are acceptable and that the areas that you are working in are clean of others trades.

If you have any doubts about site conditions, refer to suitability of country being used, or any other questions, please contact the Gerflor Technical Assistance Service before starting installation.

■ 1 - TYPE OF ACCEPTABLE SUB-FLOORS

The Dry-Tex™ System (Sport M Plus Dry-Tex™ glued with Gerpur) allows the installation onto a concrete slab Gerflor accept humidity in the slab which is > 7% at 4cm with the Control Carbide Moisture or > 8 lbs/1000sq.ft / 24h with the ASTM F1869 or > 92% RH with the BS 8203 (ASTM F2170) provided there is no visible water on the subfloor.

The authorized subfloors for bonded installation are:

- Power Floated Floor
- Sand and Cement Screed

■ 2 - MATERIALS

Differences of width (tolerances) may exist between the rolls. Taraflex® Sport M Plus DTx.

Gerpur mono-component reactive adhesive from Gerflor.

It is advisable to check the material for defects before Installation.

If there are visible defects, you should inform GERFLOR before using the material.

■ 3 - PREPARATION OF THE SUB-FLOOR

- The first thing to do is to scarify the subfloor making sure the removal of any adhesive, paint, plaster etc..
- Treat the high and the low points
 - High points:** Take time to scarify or grind to obtain the correct levels
 - Low points over 6 mm:** Make a saw cut around the perimeter of the low point to a depth of 6mm. Apply some exterior self smoothing levelling compound (type ARDEX K 301 or equivalent). Then sand as required to the affected area.
 - Low point less 6 mm:** Apply epoxy resin liquid as required to the affected area.
- Sand all the subfloor, with a 60 Grit disc in order to eliminate any residual contamination ie adhesive, paint etc...
- DO NOT treat any sawn stress induced joints under 4 mm width
- Carefully vacuum clean the subfloor and the joints.

■ 4 - UNROLLING OF THE MATERIAL (24 HOURS BEFORE BONDING)

- Minimum Temperature of the material and the gymnasium should be >54°F (12°C), and maximum 86°F (30°C)
- Strike two chalk lines on the subfloor to determinate the transverse

and longitudinal axis of the sport hall making sure they are square to the goal posts / court.

- Unroll and lay the rolls flat for 24 hours prior to installation; this is done by numbering the lengths, keeping them in order, and leaving 1 cm between each roll.
- The rolls will be installed from the transverse axis along the longitudinal axis; for two-colour installations, respect the floor plan.
- Using a flooring roller will make the material easier to install prior to bonding or glueing.

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

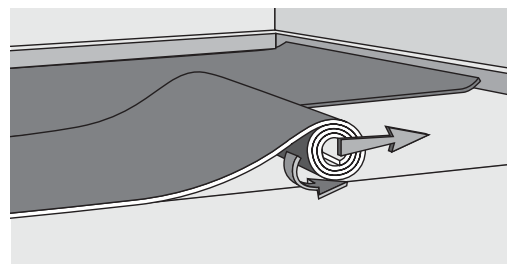
- The material closest to the cardboard tube will be placed along the walls.

Installation of the material (just before bonding)

Install the rolls closest to the longitudinal axis, leaving a 1 mm gap between each roll.

Example:

1	2
3	4
5	6
7	8
9	10



4.1 - Preparing the Gerflor GERPUR adhesive


Before use, the adhesive should be kept 24 hours at the temperature of the room.


■ 5 - PREPARING THE ADHESIVE:

- Open the adhesive bucket
- A thin skin may appear at the surface of the adhesive after opening, it does not affect the adhesive.
- Remove this skin before mixing the adhesive.

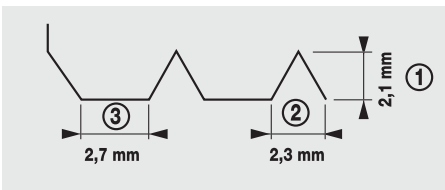
5.1 - Bonding trowel/ spatula:

Bond the subfloor with the GERPUR adhesive by using a **rigid spatula or a spread trowel, equipped with a B 1 type (TKB Standard) interchangeable blade.**

Interchangeable blade type spatula or trowel			
	MANUFACTURER	18 cm/ 21 cm Trowel	B1 BLADES
	JANSER	262 331 000	262 314 000
	WOLF	41 784	13 370

Interchangeable blade type spread trowel			
	MANUFACTURER	Trowel	B1 BLADES
	JANSER	262 340 000	262 322 000

BLADE B1



Type of double sided notched

Notch depth: 2.1 mm

Notch width: 2.3 mm

Tooth width : 2.7 mm

5.2 - Bonding:

Bucket weight: 15 or 19 kg

Average Consumption: 400 to 450 g/sqm or 150 -180 sq. ft per US gallon, applied with a "B 1" type (TKB standard) notched.

Pot life: 4 hours. This adhesive does not harden in the bucket during this time.

Coverage of adhesive is approximately 35sqm per bucket for 15 kg
Use latex gloves to apply this adhesive.

6 - BONDING OF THE ROLLS

- Fold the roll lengths back half way along the longitudinal axis. Making sure not crease the roll.
- Start spreading the adhesive from the centre of the hall / room: glue 3 or 4 half-rolls at a time
- Return the roll lengths back to the original position 15 to 20 mn after spreading the adhesive.
- Leaving 1mm gap between each roll.
- Repeat this process on the opposite halves
- If there are poll marks, weight them down with heavy object ie sand bag, underlayment bag... for 12 hours
- Avoid moving heavy objects on the flooring during the 12 hours to allow the adhesive to cure.
- Do not store heavy objects on the flooring during the 12 hours period ie rolls of material, buckets of adhesive, flooring roller...

7 - ADHESIVE SPOTS

If any adhesives transfer on the surface of the material, clean the affected areas with acetone before it dry's. **Once the adhesive has dried, it can only be removed mechanically.**

8 - ROLLING

It is essential to wait 20 minutes before rolling the newly bonding sheet with a minimum 50 kg roller in both directions
Should access be required before the adhesive has dried, Use a minimum of 12mm plywood sheet to spread the load.
It is not necessary to use them to move about the material.

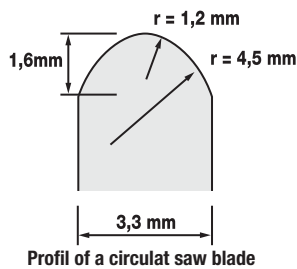
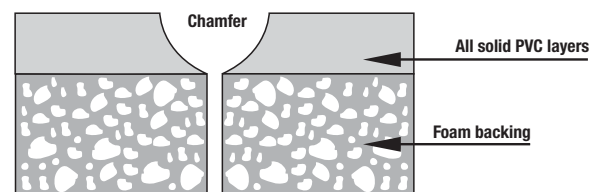
9 - GROOVING (AFTER EVERYTHING IS FITTED)

To weld the sheets successfully, you must:

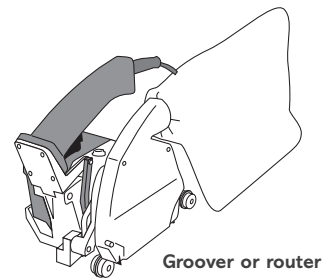
Groove the joints using a mechanical grooving machine equipped with the recommended blade, see Diagram below.

It is necessary to groove through the thickness of the wearlayer to expose the foam backing. See Diagram below.

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



Profil of a circular saw blade



10 - WELDING WITH AUTOMATIC WELDING MACHINE

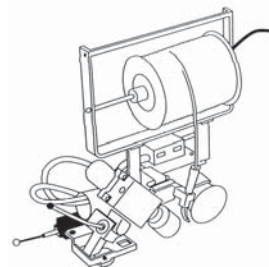
This must be done by using a UNIVERSAL or UNIFLOOR type LEISTER welding trolley with electronic hot air welding gun and multi-outlet narrow (2mm) nozzle designed for this purpose.

Nozzle reference:

ROMUS : 95254

JANSER : 225 860 040

LEISTER : 105 407



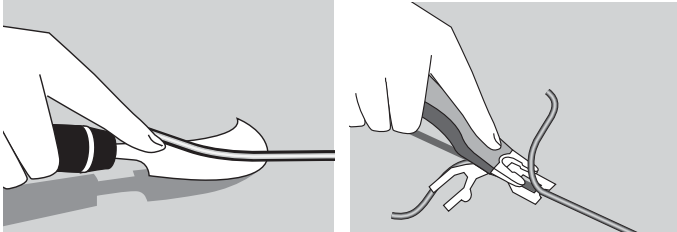
10.1 - Trimming weld rod:

Trimming must be done in one passe.

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

10.2 - 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 : Should you require information concerning the equipment, GERFLOR is available for advice.

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