

# Installation Instructions

# Omnisports Training - Speed & Compact

Glued Installation except on a Lumaflex sub construction

17 01 2011



## NOTA BENE

These 3 products glued on any support except a Lumaflex sub construction, do not meet the EN 14 904 Standard requirements, and as a consequence can not be considered as Sports floors. In order to provide the customer with the best use of product, this installation guide has to be followed carefully to guarantee conformity. If not, Tarkett Sports will not be responsible for damages following installation.

Any use of the product for purposes other than the ones set out, in the condition of use, should be submitted to Tarkett for prior approval.

If you need any further information, please contact your dealer who will provide you with the appropriate advice.

## Choice of laying techniques

The sub floor must be dry, flat, clean, strong and without cracks. If the subfloor is too porous, you will have to waterproof it by a screed made of epoxy resin. CTSB specifications 286 - NF P 90 202: sports floor sub-floors: bumps and holes must not exceed 6mm under the 3m ruler and the moisture of the - sub floor must not be over 4.5% - P62-203 DTU 53-2: Glued plastic floor coverings

Omnisports Training – Omnisports Speed and Omnisports Compact are specially designed to be totally glued on the sub floor.

| Kind of sub construction | Accepted Moisture Rates | Flat Sub Base Bumps & holes <6mm under the 3m ruler | Limited Planitary Correction To comply with the NF P 90 202 standard | Glued Installation  |
|--------------------------|-------------------------|---|--|---|
| Concrete                 | <4.5%                   | 90 202 standard                                     | Levelling or smoothing of the sub base                               | Glued installation  |
| Concrete                 | <4.5% or equal          | not flat  | Levelling or smoothing of the sub base (1)                           | Glued installation (on a moisture resistant barrier or on a screed coat ) |
| Anhydrite                | <0.5%                   | flat  | Levelling or smoothing of the sub base (2)                           | Glued Installation  |
| Anhydrite                | <0.5%                   | not flat  | Levelling or smoothing of the sub base (2)                           | Glued Installation  |
| Anhydrite                | >0.5% & <1.5%           |   | let it dry a bit more  |   |
| Asphalt coated           | Dry                     | flat  |  | Glued installation  |
| Asphalt coated           | Dry                     | no flat   | Levelling or smoothing of the sub base (3)                           | Glued Installation  |

### 1

| Brand   | Products           | Web site   |
|---------|--------------------|--|
| Eurocol | 963 Helmiplan HP3* | <a href="http://www.eurocol.com">www.eurocol.com</a>       |
| Bostik  | Ardasol3*          | <a href="http://www.bostikpro.com">www.bostikpro.com</a>   |
| Bostik  | Roxol HR4*         | <a href="http://www.bostikpro.com">www.bostikpro.com</a>   |
| Lanko   | 173 Soldur*        | <a href="http://www.parexlanko.com">www.parexlanko.com</a> |

\* different primers can match each of these products – Ask the manufacturer for the appropriate product

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17 02 2010

2

| Brand   | Products                                 | Web site   |
|---------|--|--|
| Eurocol | Alphy 920 +<br>Universal primer<br>044/2 | <a href="http://www.eurocol.com">www.eurocol.com</a> |

3 For this particular sub-floor, please contact one of these Manufacturer for further advice  
**For all these products – Follow the manufacturer's installation recommendations**

### Storage conditions

Omnisports rolls are to be stored horizontally, on a plain/flat, dry and without any ruggedness. They must not be stacked.



### Positioning the rolls (for all the different kinds of installation)

The temperature at the sub-floor level must be between 16°C (61°F) in the room and 12°C (53°F) on the sub-floor.

Mark out the centreline of the arena/gymnasium on the floor.

Position the rolls at this centre line, following the layout numbers

Start at the middle of the centre line, unroll the strips towards the back of the arena/gymnasium

Unroll in alternate directions (except for the wooden patterns), positioning the sheets edge-to-edge. If necessary, re-cut the selvage.

Let the Omnisports rest for 24 or 48 hours before welding the sheets. During this time, the arena/gymnasium must be kept within the temperature range specified above. Relative air rate moisture needs to be between 35 and 65%, this means that ventilation or in cold seasons, heating system must be running constantly.

# Installation Instructions

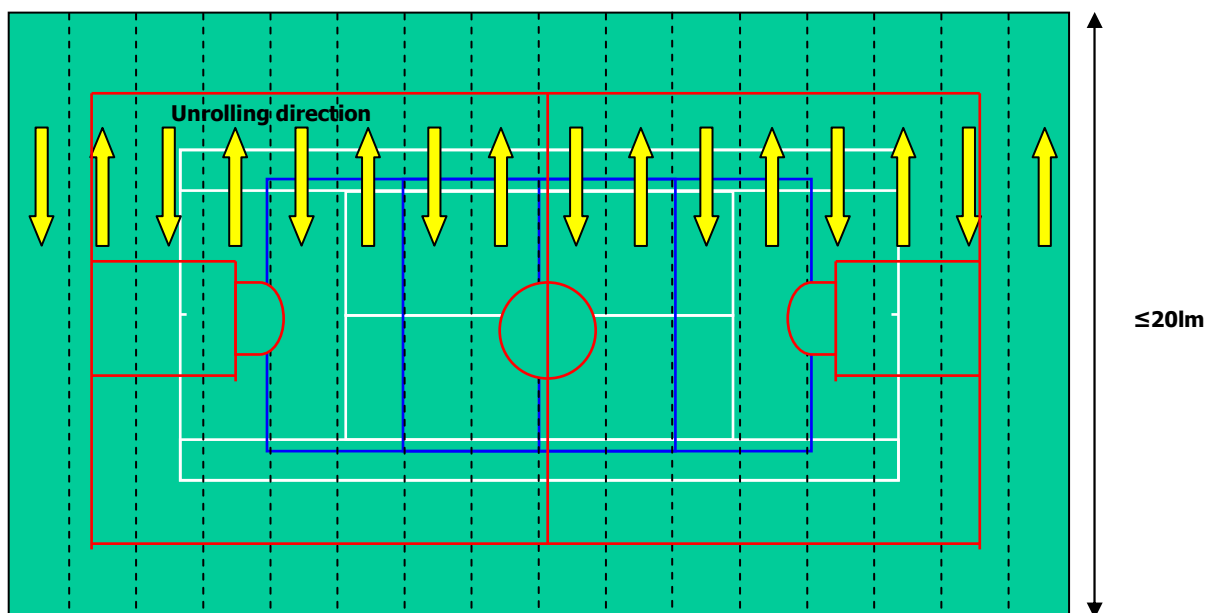
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As you already know, the installation can be handled in two different ways, on the transverse or lengthwise side.

Plain coloured Omnisports must be unrolled following the drawing below. Wooden pattern can be unrolled in the same sense:

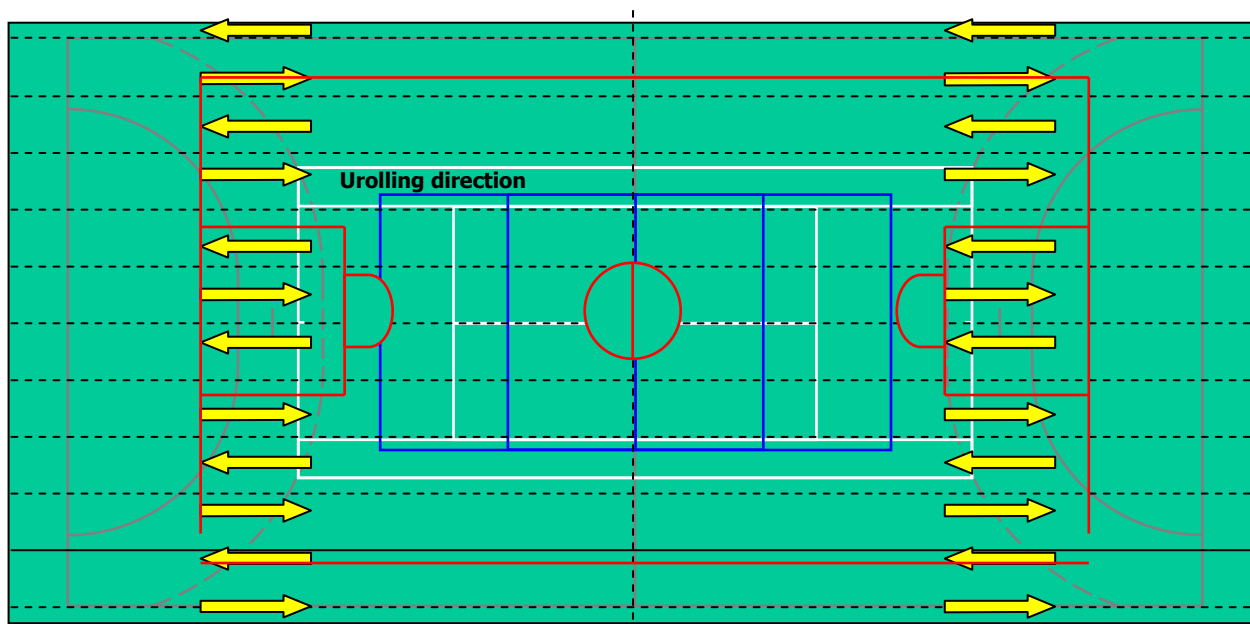


# Installation Instructions

## Omnisports Training – Speed & Compact

Glued Installation except on a Lumaflex sub construction

17 01 2011



### Glued Laying

Sub-floor must be clean, dry, smooth, un-cracked, compression resistant and free of any material that could prevent from a good adherence.

Roll halfway back the sheets carefully of the first half of the gymnasium. Avoid moving the sheets from their original positions.

Apply the glue to the uncovered half of the sub-floor, starting with the center strips and working outwards.

Glue two or three sheets at the same time.

Apply the glue to the sub-floor in even coats. In order to ensure that the glue is properly transferred to the back of the floor covering, do not glue too large an area at any one time. For a normal absorbent sub-floor, glue consumption is about 350gr/sqm with a thin toothed spatula.

Lay the covering on the sub-floor after the setting time specified by the glue manufacturer.

Then you will have to eliminate the air bubbles that can be located between the sub-floor and the covering by using a 50kg roller.

Glue that are recommended by Tarkett Sports :

Brand MANG: Polymang HPE, Polymang SM

Brand Sader: Sadertac S41, Sadertac V3

Brand Miplacol: Miplafix 700, Miplafix 300

Manufacturer Bostik: [www.bostikpro.com](http://www.bostikpro.com)

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### The welding (common to the three kinds of installation)

#### The Trimming

This operation should be performed by using an electric tool with a curved blade as described, the dimension of the chamfer depends on the diameter of the welding rod and of the thickness of the product:

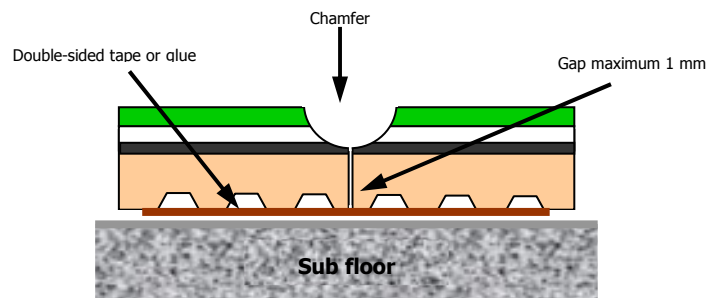
Omnisports Training – 5mm thick => welding rod 5mm – width of the trimming 4,3mm, depth 2mm

Omnisports Speed – 3.45mm thick => welding rod 4mm – width of the trimming 3.3mm, depth 2mm

Omnisports Compact – 2mm thick => welding rod 4mm – width of the trimming 3.3mm, depth 1,13mm



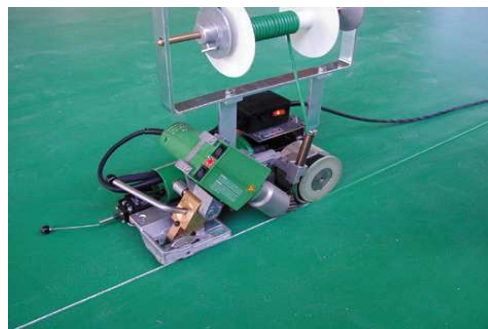
Trimming machine



#### The welding

We strongly recommend, for this operation, an automatic cart, which will produce more regular, professional quality welds.

Before welding the Omnisports, first of all, try to weld on an apart piece of product, in order to check that the temperature, the pressure and the speed of this material enables to perform a good welding conditions.



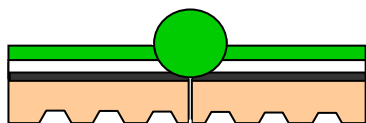
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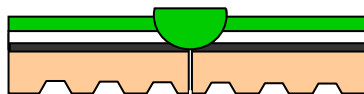
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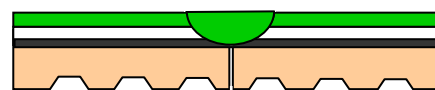
### Cutting back the bead



Weld is hot



First trim before cooling



2<sup>nd</sup> trim after cooling

Tool required for trimming: "Quarter moon" knife or crescent-shaped knife with the cutting guide.

### Painting game lines

#### 1 Permanent marking:

Conipur 45 – BASF AG– phone number +41 58 958 22 44 –[www.conica.com](http://www.conica.com)  
Follow the manufacturer's installation recommendations.

#### 2 Temporary marking lines

The producer of these tapes is 3M – reference 471 - 5cm width -[www.3M.com](http://www.3M.com)  
Follow the manufacturer's installation recommendations.