

Before gluing, unpack all the tiles onto a flat surface so that they recover their characteristics (tile decompression).

### I. THE GROUND

The HEXDALLE® tiles to be glued must be laid on a stable and homogenous floor (concrete or asphalt), clean and dry with a minimum slope of 1%

New screeds must be at least 28 days and should not be soiled (laitance, dust, oil, hydrocarbon, grease, release agent, water, etc.).

For any glazed surface such as tiled floor, metal plate, aluminium, wood; make a resistance test before laying the rubber tiles and after sanding the surface.

### II. THE GLUE

Only use our PU93, PU74148 or PU 59 glues – single-component polyurethane glue without solvent.

Do not put water on the tiles or in the glue.

### III. LAYOUTS



This laying is mandatory if the Hexdalle® tile surface exceeds 40 sqm.

A majority of red tiles can be used and some green tiles can be added to create a hopscotch game, with some “touches of colour”, etc. Or, you can use our HEXDALLE® XE (recreational) LUDIQUÉ tiles to stimulate children’s early learning.

### IV. PREPARING THE BASE

Clean the base: blaster, vacuum cleaner.

Check the evenness of the base, patch where needed and leave to dry for 24 hours.

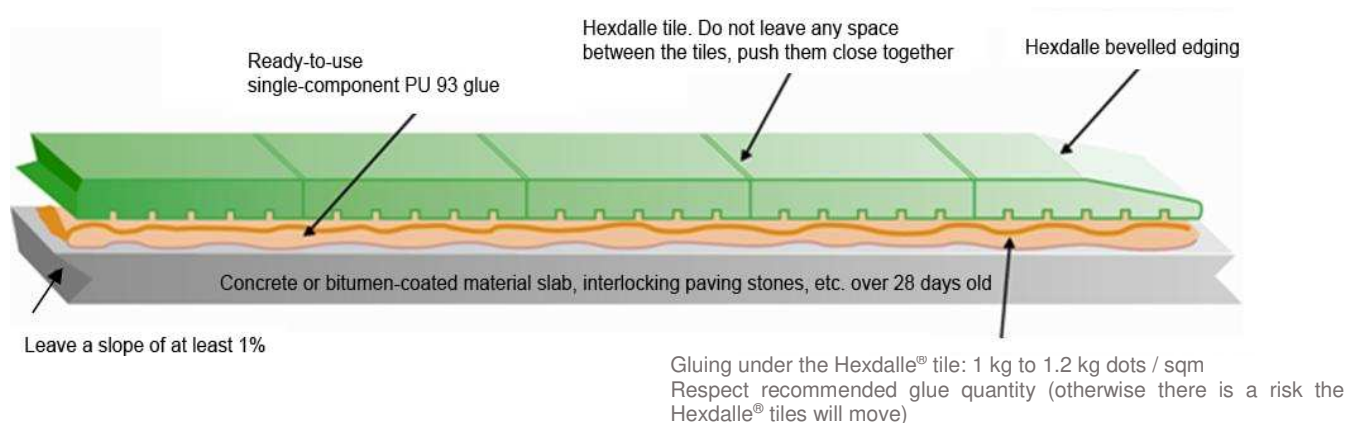
Sand the surface down with a diamond-edged disc (or stone disc) if there are any bumps.

Models, drawings and names are registered. No copy or reprography is permitted without prior written authorization.  
This manual was reviewed in May 2019 and may be updated; please make sure this is the latest version.

FRANCE CONSTRUCTION Sols Sportifs et Techniques  
ZAC des Bousquets – 165 rue de l’Initiative – F-83390 CUERS  
TEL.: +33 (0)4 94 14 91 91 – FAX.: +33 (0)4 94 14 93 93  
WEBSITE: [www.hexdalle.com](http://www.hexdalle.com) - E-MAIL: [contact@hexdalle.com](mailto:contact@hexdalle.com)

## LAYING HEXDALLE® TILES

### 1<sup>st</sup> solution: Pro Plus PU93 gel glue – gluing underneath the tiles –



### 2<sup>nd</sup> solution: PU 74148 mastic glue – gluing underneath the tiles –



Apply dots (see photo) thanks to a manual or an air pistol directly on the tile, reverse side. Return the tile and put pressure on it to ensure a perfect contact between the rubber tile and the ground.

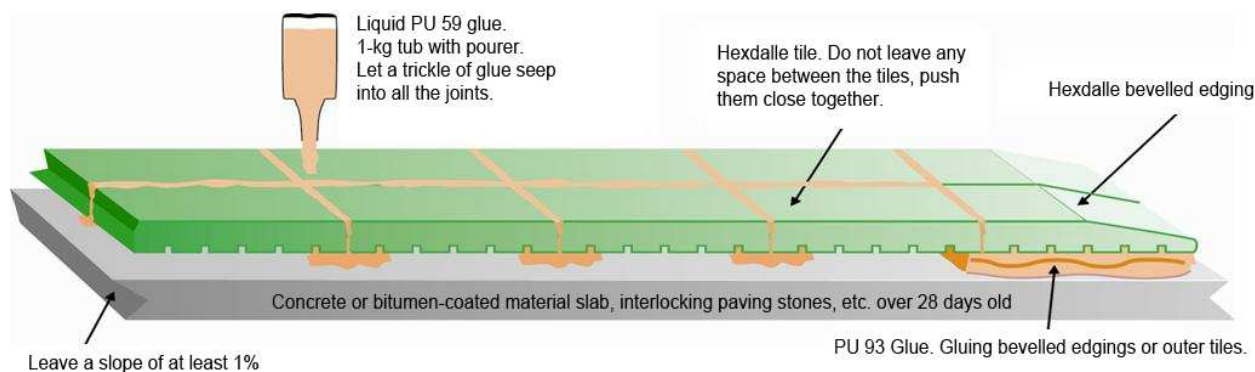


Glue with 9 dots – Diam. : 30 mm



### 3<sup>rd</sup> solution: PU59 liquid glue – gluing by the edge –

**CAUTION: MAKE ONLY ONE APPLICATION WITH THE PU59 GLUE**



### **ADVICE FOR LAYING:**

Always keep a cloth to hand with FC 41 cleaning solvent to wipe off excess glue. You must wear protection glasses and disposable gloves.

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Glue with 9 dots underneath the tile with our PU93 gel glue or use the PU 59 liquid glue by applying a trickle of glue between the joints. Press firmly; do not leave any space between the HEXDALLE® tiles. Outer tiles or bevelled edgings should be glued with the PU 93 or PU 74148 glue.

Check the joint of each HEXDALLE® tile as the work progresses.

Drying time: between 24 and 48 hours.

**Make sure you don't apply too much glue, as glues foam and their volume increases as they dry.**

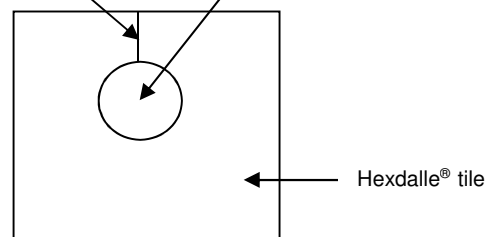
## V. CUTS

Use:

- A cutter: do not hesitate to change the blade frequently
- Electric jigsaw
- Wood-cutting saw

Cut with the cutter to let the post through.

Hole made with a hole saw



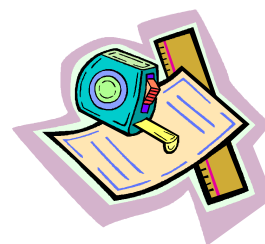
## VI. ASSESSING THE LAYING TIME

For a 90-sqm surface area, if you need:

- to patch and sand down: about 1 day
- to lay without cutting: 1 day, 2 people
- lay with cutting: 1 day, 3 people
- drying time: 1 day.

## VII. TOOLS

- Jigsaw with cutter blades or mixed-teeth blades
- Stanley knife, blades
- Chalk line
- Notched scraper
- 90° set square
- Tape measure
- 2-m mason's rule
- 1m-long aluminium angle to cut with the Stanley knife
- 5-kg or 15-kg can of PU 93 glue
- 1-kg or 5-kg can of PU 59 glue with pourer
- Sander
- Air blaster
- Empty can to be filled with water to press the tiles down
- FC 41 cleaner



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## LAYING INSTRUCTION SHEET – HEXDALLE® TILES WITH PINS

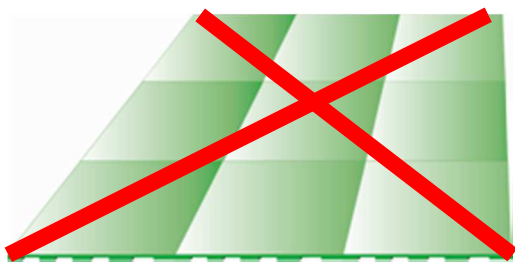
Before laying the tiles, unpack them all onto a flat surface so they recover their characteristics (tile decompression). The 10mm-thick tiles should not be laid with pins.

### VIII. THE GROUND

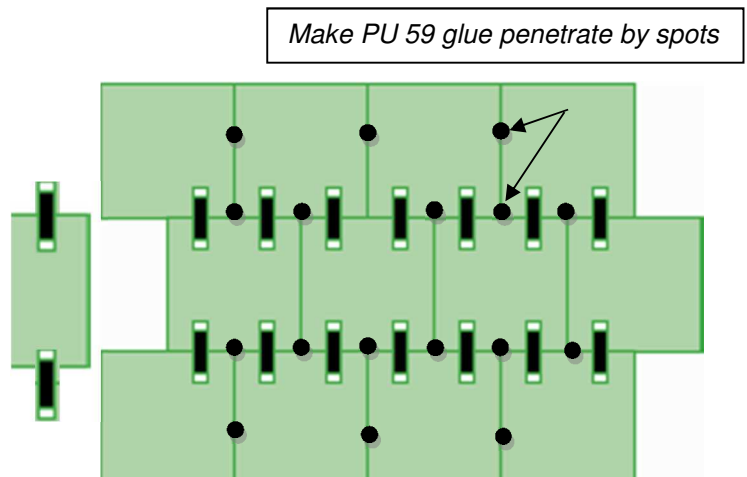
The HEXDALLE® tiles should be laid on a stable, flat, clean, dry and even ground:

- concrete slab
- asphalt
- lean concrete
- Laminate wood flooring
- compacted construction aggregate (0/31.5 stabilized raw-sand, compacted finishing layer of about 15cm with a minimum 1% slope).
- Paving slabs on flat roofs (water tightness)

### IX. LAYING TILES WITH PINS



Lay the tiles in staggered rows so that they are fixed on both sides. Plan to belt the Hexdalle® tiles with rubber or concrete edgings, an existing wall, etc.



Linking by 4 plastic pins

**OPTION: Linking by 8 plastic pins**  
Use a cutter to cut some tiles in 2

#### Two laying options:

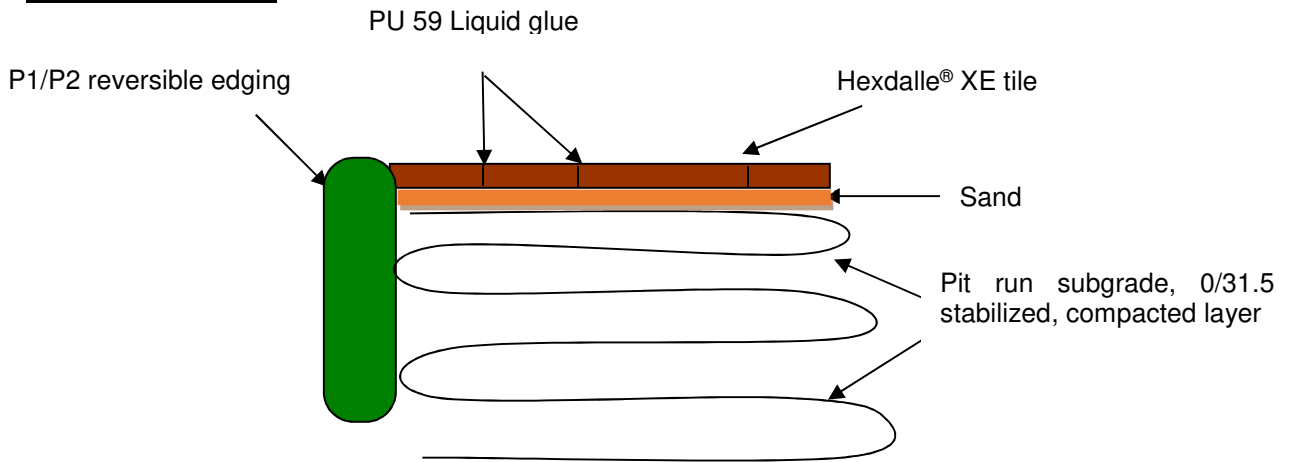
1. Lay the tiles on a concrete or asphalt surface, hardwood flooring, tile flooring, raised floor tiles and glue with our PU93 glue the bevelled edgings and angles to belt the tiles. You may use the reversible HEXDALLE® P1/P2 edgings instead of bevelled edgings (check reversible edgings data sheet).
2. Lay the tiles on a surface made of a pit run subgrade, 0/31.5 stabilized, compacted finishing layer and a sand layer of 0.2 or 0.5 mm size grading, 10 mm-thick. Block the tiles by laying reversible HEXDALLE® P1/P2 edgings sealed in concrete around them (Cf. edging product data sheet)

**For all the options, you need to make PU59 liquid glue infiltrate spot by spot between the tiles (Cf. PU59 glue technical data sheet) and soak a few pins on the periphery (1Kg for 25 sqm)**

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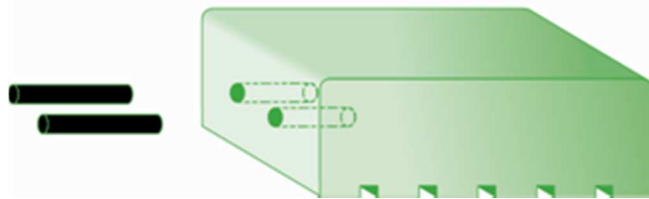
**Laying example:**



**X. ADVANTAGES**

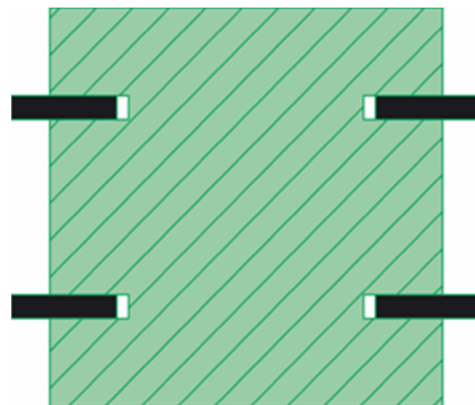
- Quick and easy installation => 80 to 100 sqm / day (2 persons)
- The tiles can be laid directly onto sealants (after confirmation of the sealant product manufacturer): on roof terraces
- The tiled surface can be moved and reused

2 pins per edge on 2 opposite sides of each tile  
(option: 4 holes + pins / tile)



Or 4 pins per edge on 2 opposite sides of each tile  
(option: 8 holes + pins / tile)

Pin



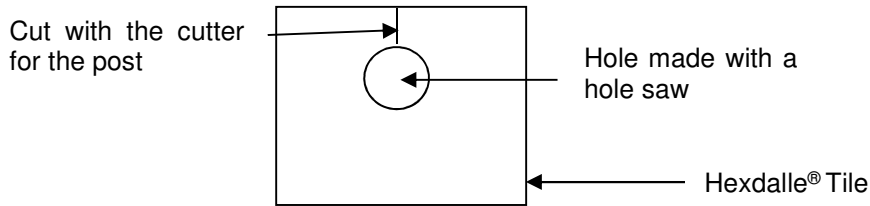
Pins are inserted into the edges of the tiles.

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## XI. CUTS

You may cut the tiles with a cutter or an electric jigsaw (cutter blade or mixed-teeth blade). For the game posts, use a hole saw to cut the tiles.



## XII. MAINTENANCE

HEXDALLE® can be washed with water (maximum 3 bars), or swept. Use our bactericide, fungicide cleaning product -CLEANDALLE FC- to clean the tiles. Wait 72 hours after laying the tiles before cleaning them for the first time.

**NEVER USE PRODUCTS WITH SOLVENT TO CLEAN THE HEXDALLE® TILES.**

All our HEXDALLE® tiles can be restored using a special PU 63 or PA 63 paint.

## XIII. TOOLS

jigsaw with cutter blades or mixed-teeth blades  
cutter, blades  
chalk line  
notched scraper  
90° set square  
tape measure  
2-m mason's ruler  
1m-long aluminium angle to cut with the cutter  
patching product: 20-kg tub of HEXDALLE® patching (+ cement, sand, water)  
sander  
air blaster  
empty can to be filled with water to press the tiles down  
FC 41 cleaner

## XIV. LAYING ADVICE

- Pile the tiles in one column and insert the plastic pins only on one side before you start installation
- Draw with a chalk line a 90°C angle on the floor to start the tiles
- Under high temperatures, work early in the morning or late at night.

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