

I. CHARACTERISTICS

The tiles are made of recycled black rubber aggregate which has been sorted and graded, bound by volume-dyed polyurethane elastomer resin. As a result of the composition, expansion in heat and shrinking in the cold are quite normal. Other processed chemical elements are used in the composition of our tiles to give them their solidity and elasticity.

II. COLOURS

Brick red – Green – Black – Grey – Chocolate

During storage, make sure the tiles are not partially exposed to UV rays as this will affect the colour. If the colour of the tiles is not exactly uniform, simply wait a few weeks for the colour to even out. A colour loss can occur without altering the characteristics of the tile. Green is more sensitive to UV rays than red. A special PU 63 or PA 63 non-slip paint can be applied by airless spraying by a specialist to renovate the appearance of HEXDALLE® tiles that have faded with time.

III. DIMENSIONS

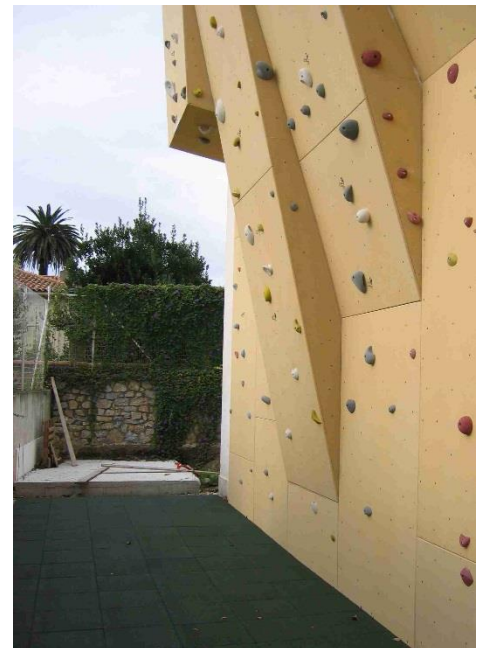
Tiles of 500 x 500 mm
Thickness: 75 mm (30 mm + 45 mm overlaid)
Microporous tiles with water drainage system integrated under the tile

IV. USE

The Hexdalle® SAE rubber tiles are designed to comply with the NF P90-312 standard for the reception of artificial climbing structures with belay point.

The Hexdalle® SAE rubber tile reception surface prevents important injuries when a fall occurs before the 1st belay point located at a maximum 3.10 m height from the ground.

The small “cushions” located underneath the Hexdalle® SAE tile (different from the hardness of the surface) are shock-absorbing.



V. MAINTENANCE

HEXDALLE® tiles are designed to keep maintenance costs low. They can be simply washed (maximum 3 Bars) or swept with a soft brush. You can also use our bactericidal cleaning product: Cleandalle FC. Allow 72 hours after sticking before cleaning for the first time. Never use a solvent to clean the tiles.

HEXDALLE® SAE tiles are flexible, sound-proof, non-slip, rot-proof and hygienic. They are also pleasant in shape and colour.

VI. LAYING INSTRUCTIONS

The HEXDALLE® SAE rubber tiles need to be laid on a stable, homogenous (concrete slab, bitumen-coated aggregate, compacted aggregate), clean and flat ground with a 1% minimum slope.

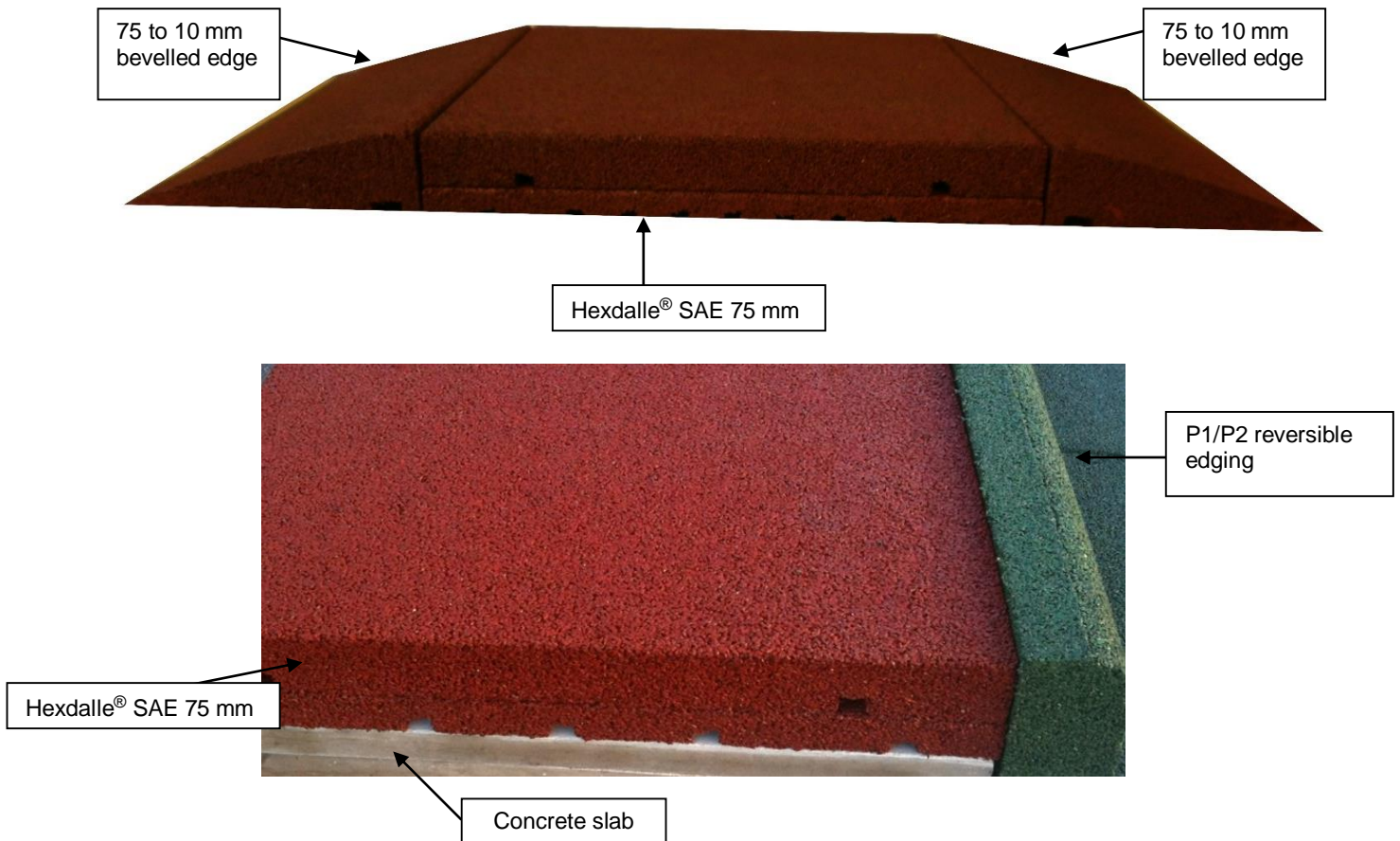
First lay the 30 mm-thick rubber tiles. Fix them on the ground with our PU93 gel glue or use our plastic pins (4 holes / tile) to assemble the tiles altogether.

Proceed to cuttings if necessary then lay the 45 mm-thick rubber tiles on top (only using our plastic pin system). Then, cut the tiles if necessary.

It is mandatory to belt the tiles at the periphery using our 75 to 10 mm bevelled edges or our rubber P1/P2 reversible edgings.

Models, drawings and names are registered. No copy or reprography is permitted without prior written authorization.
This manual was reviewed in February 2016 and may be updated; please make sure this is the latest version.

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The protected area has to be 2.50 m in all possible directions of fall compared with the vertical projection of an imaginary line placed on the SAE, 3 meters from the ground.

In order to avoid having a step that would be too big, we recommend you to dig the existing ground so to have a surface continuity.

VII. ADVANTAGES

HEXDALLE® tiles absorb shock and thus improve safety by reducing the risk of injury:

- Non-slip,
- Interchangeable, Microporous,
- WATER drainage by the under side.
- Rounded edges.

The HEXDALLE® SAE rubber tiles do not change groups' behaviour during climbing activities (lack of attention, incitement to jump when the surface is too comfortable)

VIII. STORAGE

Storage temperature between 15 and 25°C.

Avoid the tiles being partially exposed to UV rays.

Prior to laying, unpack the tiles onto a flat surface so that they recover their characteristics.

IX. TECHNICAL CHARACTERISTICS

Shock absorption

Localisation	1	2	3	4	5	Average
Deceleration (g)	50	47	50	49	48	49

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Static rigidity measurement

Localisation	1	2	3	4	5	Average
deflection (mm)	0.4	0.4	0.4	0.5	0.4	0.4

Determination of the slip-resistance characteristics of the base

	Skid resistance of the base
Sample	10

Rubber	Recycled SBR-type black aggregate, 1/4mm
Binding agent	Volume-dyed polyurethane
Binding agent viscosity	Brookfield: 7,000+/-1,000 – cP at 20°C
Solids content in % of the binding agent	99.3 +/- 0.5%
Surface	Non-slip
Appearance	Granular
Colour	Red, Green, Black, Grey
Thickness	75 mm
Density Kg/M3	800-1,000
Warranty	2 years
Shock-absorbing standard	NF P90-312
Abrasion resistance	As per standard P90102 Weight loss result: 0.37 g Maximum admissible: 2g
Resistance to ageing	Service life between 5 and 10 years (depending on use)
UV resistance	Good in terms of the tile structure
Resistance to detergent	Excellent – to be confirmed prior to use by 1 test
Resistance to solvent	Non-resistant to solvent
Permeability	Good – Micro-porous
Sound	Excellent sound insulation to impact noise

X. PACKAGING

According to your needs: per unit or pallet

PALLETS: disposable, 1,000 x 1,200mm.

PACKING: We take great care with packing to avoid any problem occurring during transport. In order to protect your rights and interests, we advise you to check the state of the goods upon taking delivery. The products are packed in a white stretch film and France Construction guarantee adhesive tape. The corners are protected by 4 cardboard pieces during transport and the goods are held in place by 2 plastic straps.

MAXIMUM PACKAGING PER PALLET:

For 75mm-thick tiles 19 m² maximum per pallet
(one 30 mm tile + one 45 mm tile)

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