

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 this composition, expansion in heat and shrinking in the cold are perfectly normal. Other processed chemical elements are used in the composition of our tiles to give them their solidity and elasticity.

Our glues to fix the tiles must be used.

II. COLOURS

Brick red – Black – Other colours, please contact us

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

500 x 500mm tile

Tolerance: length/width \pm 1% - Thickness \pm 2 mm

Thickness: 40 – 45 – 55 – 65 mm

Weight: 7 – 7.5 – 10 kg / tile

Solid microporous tile

IV. USE

Hexdalle® TIR is a protection against projectile ricochets for indoor and outdoor shooting ranges. (Gendarmerie, National Police, Army, sports clubs, etc.)

Glue-down installation on concrete slab.

V. ADVANTAGES

The Hexdalle® TIR rubber tiles are specially designed for shooting ranges as they offer a protection against rebounds, ricochets and ballistic fragments. Thanks to their rubber composition, bullets enter the tiles and stay trapped inside.

A fire-proof polyurethane coating (generally 3 layers) will be needed to cover the Hexdalle® TIR tiles in order to guarantee a joint-free surface on the ground and ease its cleaning.

VI. LAYING INSTRUCTIONS

PU93 gel glue for glue-down installation on concrete slab or asphalt concrete.

HIGH TACK mastic glue to fix on the wall or ceiling.

VII. 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.

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.

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VIII. TECHNICAL CHARACTERISTICS

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, Black, Other colours, please contact us
Thickness	40 – 45 – 55 – 65 mm
Density Kg/M3	800-1,000
Warranty	2 years
Abrasion resistance	As per standard EN ISO 5470-1 Weight loss result: 0.46 g Maximum admissible: 4g
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

IX. PACKAGING

Depending on your needs: per unit or by pallets

PALLETS: disposable, 1,100 x 1,100mm.

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:

Maximum per pallet will depend on tiles' weight and thickness.

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