

Dalle Boise HR 56

Timber tiles for decking
on pedestrian accessible flat roof



Wood originated
from sustainable forests



► High performances

- Excellent load strength
- Consolidation system in which Dalle Boise HR 56 tiles are interlocked together
- Fungicidal treatment provides protection from attack by micro-organisms and insects for up to 10 years

► Easy application

- Tiles are lightweight and are easier to handle than a concrete slab
- Tiles can be easily cut to size and shape

► Aesthetic and individualised pattern

- Wood traditional impression of warmth gives character to flat roof
- Provides an attractive wooden decking with a free draining surface
- Natural alternative to concrete slabs

Description

- Grooved and chamfered pitch pine slats
- Slats are secured on three supports fixed with stainless steel screws.
- Fungicide treatment in autoclave providing protection from attack by micro-organisms for up to 10 years.
- Manufactured from renewable maritime pine.
- Dimensions: 56 x 56 x 4.4cm
Weight : 5kg (16kg/m²).
- Coverage: 3.2 tiles (and 3.2 dabs) per m².

Packaging

Weight : 16kg/m² ■ Each: 5kg
Packs of 4 units
that is, 1.25m² - 20kg
Pallets of 20 packs, that is 25m².

Attention: Dalles Boise HR 56 timber tiles are manufactured from natural materials and as such are subject to climatic conditions during their lifetime. Depending on the moisture content of the air, some expansion or contraction of the tile may occur. Such phenomena cannot be predicted and are usually reversible. However, in no case can they be considered to be a production vice. In prolonged dry periods spraying with water will help prevent drying out of the timber and minimise this effect.

Decor and protection

Under the effect of ultraviolet radiation, **Dalle Boise** tiles naturally take on a grey colour. This remains superficial because the treatment received in the factory prevents all deep degradation of the wood.

To preserve the original colour of your **Dalle Boise HR 56** tiles or to colour them to your taste, you can apply, during installation, a colourless or tinted spar varnish on the **Dalle Boise HR 56** tiles, and renew this treatment regularly (according to the spar varnish manufacturer's instructions).

Note: By reducing hygrometric exchanges with the ambient atmosphere, this spar varnish participates substantially in maintaining the dimensional stability of the wood slats.



Plot Zoom adjustable paving support with Dalle Boise cushioning pad

Performances

■ Compression test (failure) CTBA*

Breaking force L maxi.

Load applied at the centre of the tile,
Average = 920N or 9.2kN.

Load applied at the edge of the tile,
Average = 600N or 6kN.

Bending strength DaN > 1100.

■ Live load

Distributed live load qk maxi =
510 daN/m² or 5.1kN/m²;

Live load (concentrated) qk maxi =
366daN or 3.66kN.

■ Use categories

Standard NF EN 1911-1-1 and its national Appendix NF p. 06-111-2 indicates, for each type of premises, the maximal value to be taken into account for the distributed qk or concentrated QK live loads.

■ Climatic zones

All climatic zones on plain or in mountain climate.

* CTBA

Centre Technique du Bois et de l'Ameublement
(Wood and Furniture French Technical Centre)

Accessories

■ Tile connectors made of polypropylene for locking together Dalles Boise HR 56 timber tiles.

■ **Plot Zoom** adjustable paving support (see the Product Data Sheet).

■ Cushioning pads, supplied with **Dalle Boise** timber tiles.

■ **Placadal** plate.

Complementary information:

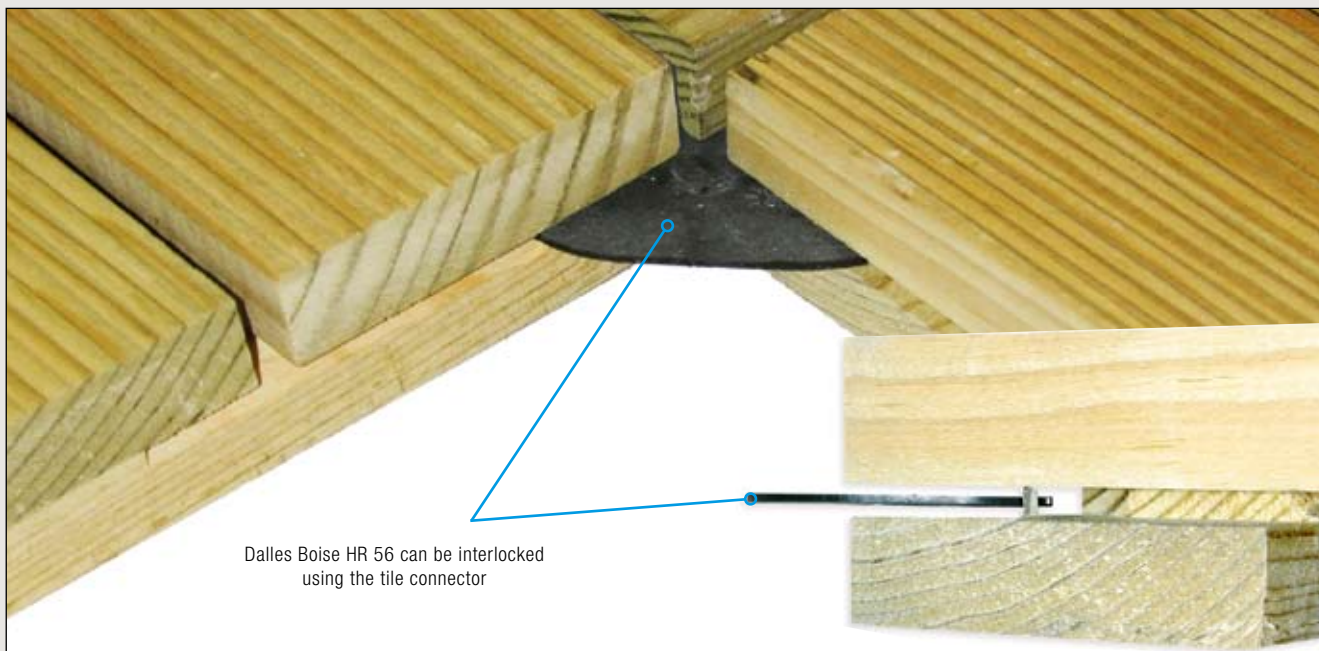
■ Teranap JS Technical Assessment (from French CSTB).

Customs nomenclature

N° 44 18 79 00 00 00 H



Tile connector locking Dalle Boise HR56 tiles together



Dalles Boise HR 56 can be interlocked using the tile connector