

**Product Title / Range:**

**Tactile Blister Paving**  
**450 x 450 x 50mm**  
**Commercial**

**T** 01422 312000  
**F** 01422 312943  
**E** advisory.services@marshalls.co.uk  
**Print Date** 24/02/2015  
**Data Sheet No** 392

**Description**

Product type	Solid unit with profiled surface
Manufacturing process	Hydraulically pressed concrete
Base raw material	Pigmented concrete
Governing standards	All data where relevant to be established in accordance with BS EN 1339 : 2003
NBS Specification	Q25 320

**Physical Properties**

Nominal Dimensions	450 x 450 x 50mm
Work Dimensions	448 x 448 x 50mm
Tolerances on Work Dimensions	Length ±2mm, width ±2mm, thickness ±3mm
Abrasion Resistance	≤ 23mm (Wide Wheel Abrasion Test)
Durability (Freeze-thaw)	≤ 1.0 kg/m <sup>2</sup> as a mean with no individual value > 1.5 kg/m <sup>2</sup>
Material Density	2300 kg/m <sup>3</sup> (typically)
Slip/Skid Resistance	Mean polished skid resistance value (PSRV) : > 45 Mean unpolished skid resistance value (USRV) : > 45
Thermal Conductivity (K value)	Design data as defined in BS EN 13369 : 2004
Transverse/Flexural Split strength	Characteristic bending strength of 4.0 MPa with no individual result less than 3.2 MPa
Please Note	All the above values are based on 28 day concrete strengths

**Specification**

Colour	Buff Charcoal Red
Approx unit weight	23 kg

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Emission of Asbestos No content

External Fire Performance Deemed to satisfy. See commission decision 2000/553/ECU

Reaction to fire Class A1, see commission decision 2000/605/EC

**Design Guidance**

Technical information Reference should be made to BS 7533-8 : 2003

**Application**

Suitability Laid in accordance with BS 7533-4 : 2006.  
Suitable for the construction of pedestrian areas only

**Supply**

Av. pack size 7.3 m<sup>2</sup>

Av. pack weight 828 kg

Packaging All packs are suitable for crane off-load. Fork lift off-load on request

**Further Information**

Cleaning & Maintenance Information regarding the cleaning & maintenance of this product may be obtained on request

Efflorescence Any product containing cement during its early life may exhibit a temporary white discolouration known as efflorescence. This is not a product fault and will gradually disappear with exposure to natural weathering and trafficking

Weathering It should be appreciated that with all products weathering and site conditions can cause shade variation to appear across the surface of individual units. This does not in any way affect the performance of the units and any such variation will diminish over a period of time as the product matures.

Product Evolution The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details  
Marshalls reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice



# Marshalls

## Product Data Sheet

Landscape House  
Premier Way  
Lowfields Business Park  
Elland, Halifax  
HX5 9HT

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Contact Us

For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233

Date of issue

March 2008

Issue 4