

NEW
COLOUR
DUNA

CLINKER TILES - NATURAL STONEWARE FOR OUTDOOR PAVING and SWIMMING POOLS



Middle Earth Tiles
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CLINKER TILES – NATURAL STONEWARE FOR PAVING and SWIMMING POOLS

Colour and shade variation are inherent qualities in all fired ceramic products.

What are Clinker Tiles?

Clinker paving tiles are a traditional finishing material of the highest quality. The main component in its production is widespread throughout the world, clay. Clinker tiles are created from high quality clay which is fired for an extended period (up to two days) at high temperatures. Middle Earth Clinker tiles are made in Spain and have many beneficial qualities that are often missing in more modern building materials of this type.

What are the Technical Advantages of Clinker Paving Tiles over other types of Paving around Swimming Pools?

- They have exceptional Hardness (like granite) and Strong Resistance to Impact and Thermal Shock
- Minimal Water Absorption
- High Slip Resistance Rating of R12
- Scratch Hardness Rating is Equivalent to Hardened Steel (MOHS 8)
- Resistant to Acids and Swimming Pool Chemicals
- Frost Resistant
- They have a High Mechanical Bend Strength
- Colour-fast - will not fade with age (unlike concrete will not effloresce through free lime in the cement)

Colours of Middle Earth Clinker Tiles



BASALTO

Dark ceramic material to dress spaces thought by the latest architecture



LAVA

Exquisite burgundy shades that give your project a touch of uniqueness



NATURAL

A wise combination of earth, water, air and fire gives rise to robust Natural Clinker



ANTICA

Natural clinker that shows the warmth of the Mediterranean spirit



DUNA

Duna offers a smooth surface resembling the beach and the sun of the Mediterranean



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Middle Earth Clinker tiles are available in a large selection of sizes suitable for swimming pools; these include -

Square Tiles Sizes –

200 x 200 x 15 mm

330 x 330 x 18 mm

410 x 410 x 23 mm

(410x410 only in Basalto and Natural)



Rectangular Tiles Sizes –

300 x 150 x 13 mm

500 x 150 x 19 mm

500 x 250 x 19 mm



Bullnose Type A Tiles –

330 x 330 x 20 mm

410 x 330 x 20 mm



Bullnose Type B Tiles –

330 x 330 x 20 mm

410 x 330 x 20 mm



Overflow Edging Tiles –

330 x 250 x 35 mm



Overflow Edging Corner–

285x285x35 mm



Edging Mediterráneo -

330 x 330 x 22 mm



Internal Corner Edging

Mediterráneo -

410x330x35 mm



External Corner Edging

Mediterráneo -

330x330x30 mm



Note, some sizes are by indent only



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Clinker Basalto Bullnose around a Hawkes Bay swimming pool



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Clinker Natural Tiles



**MIDDLE
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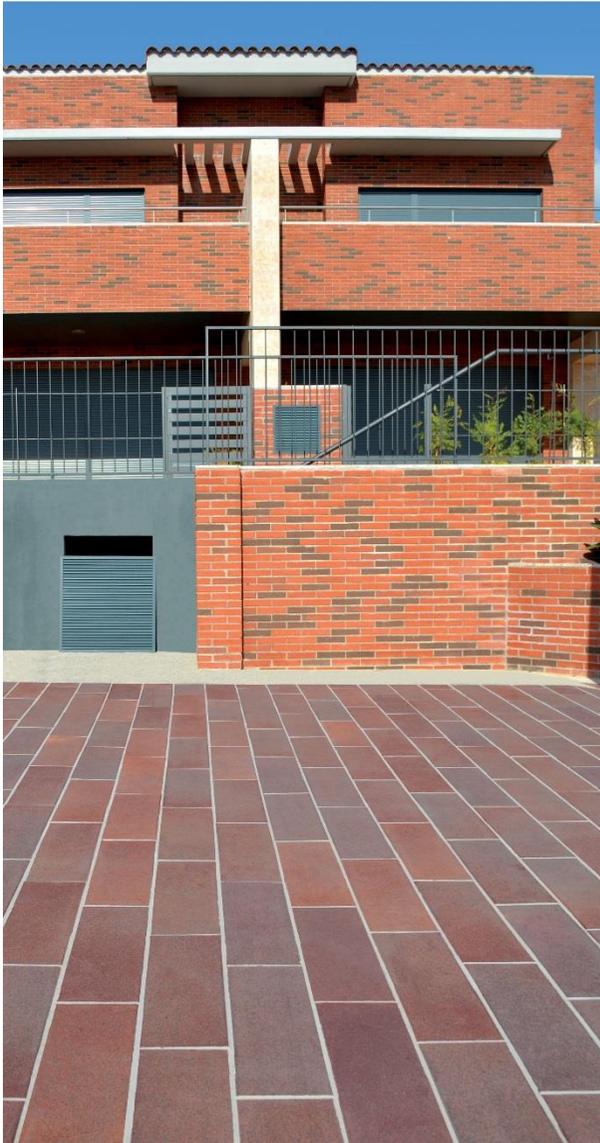
Clinker Lava Tiles



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Clinker Lava and Natural tiles in 500x150mm format



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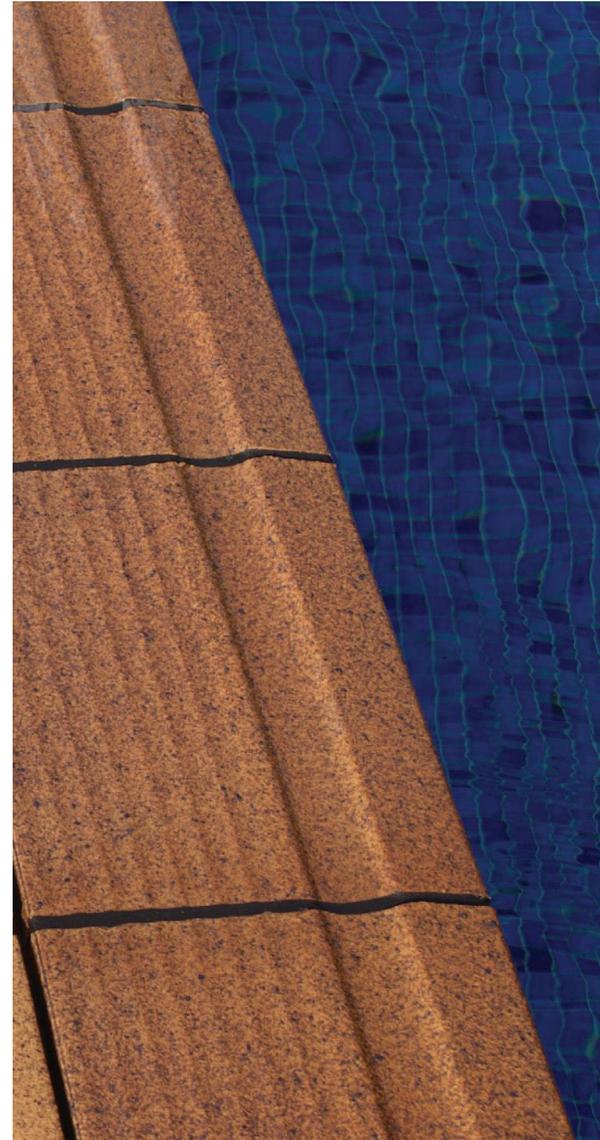
Clinker Antica Tiles



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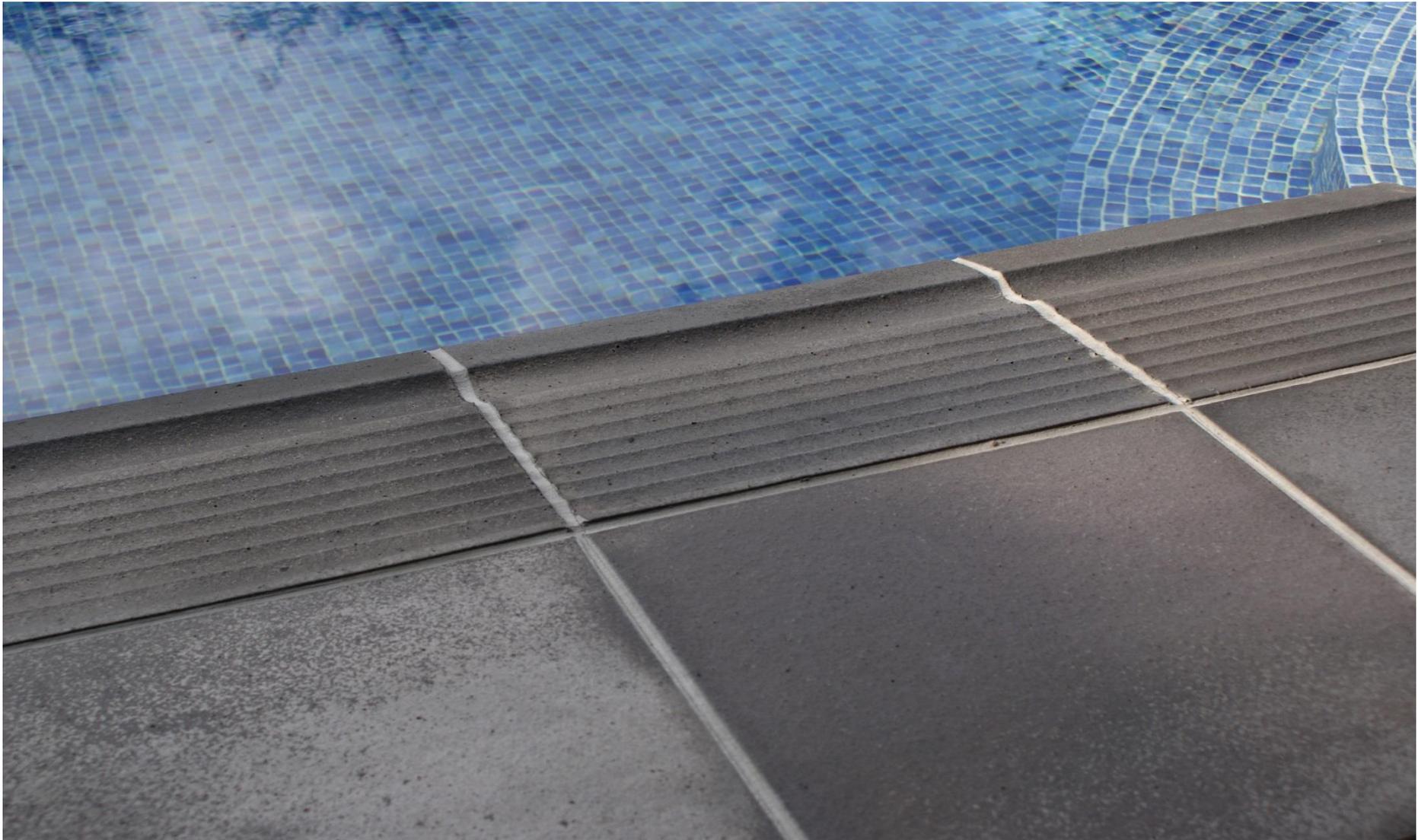


Clinker Mediterráneo Clinker pool edging tiles and Natural Overflow Edging Tiles



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Clinker Basalto Overflow Edging Tiles



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Clinker Basalto Tiles



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Clinker Basalto Tiles



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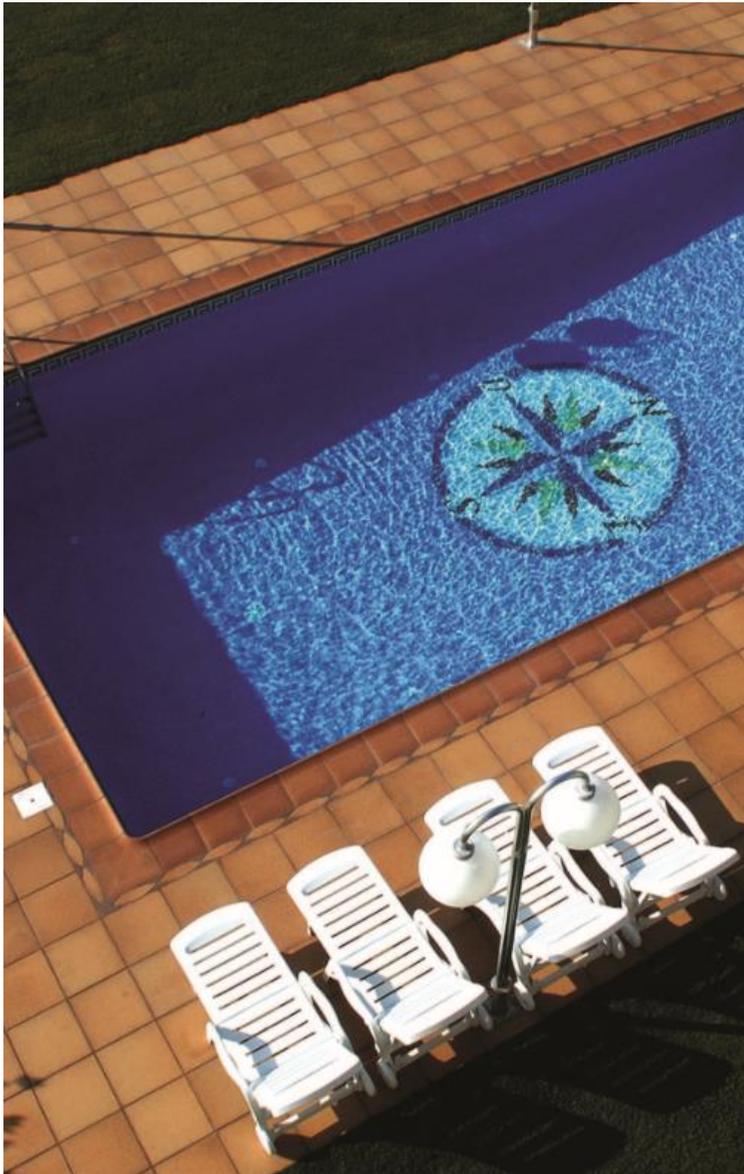


Clinker Duna Tiles



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TECHNICAL CHARACTERISTICS of MIDDLE EARTH CLINKER TILES

The technical features of the Middle Earth Clinker Tile collection allow its use in domestic construction, commercial and industrial projects, both outdoors and indoors. These features are supported by complying with international test standards as shown below.

DETERMINATION OF SCRATCH HARDNESS OF SURFACE (MOHS):

- 8 according to standard UNE-EN 101

RESISTANCE TO DEEP ABRASION:

- < 180 mm³, according to standard UNE-EN ISO 10545-6

DETERMINATION OF FROST RESISTANCE:

- Complies with the standard UNE-EN ISO 10545-12

RESISTANCE TO IMPACT:

- Complies with the standard UNE-EN ISO 10545-5

DETERMINATION OF DIMENSIONS AND SURFACE QUALITY:

- Complies with the standard UNE-EN ISO 10545-2

DETERMINATION OF THERMAL SHOCK RESISTANCE:

- Complies with the standard UNE –EN ISO 10545-9

RESISTANCE TO ACIDS AND BASES:

- Complies with the standard UNE-EN ISO 10545-13

DETERMINATION OF RESISTANCE TO STAINS:

- Complies with the standard UNE-EN ISO 10545-14

FIRING TEMPERATURE:

- 1360°C according to certificate BRD/2/235/0009/91-2 of Bureau Veritas

WATER ABSORTION for sen side:

- 0,0% according to standard UNE-EN ISO 13748-1 Group Alla

DETERMINATION OF MODULUS OF RUPTURE:

- > 30 N/mm², according of standard UNE-EN ISO 10545-4

SLIP RESISTANCE SCALE:

- R-12 according to the standard DIN 51130
- Class C according to standard DIN 51097