Trend Etherium

TECHNICAL DATA

DECO-TILE

TECHNICAL CHARACTERISTICS

Thickness: **6.6 mm | 1/4"**

Weight: **14 kg/m² | 2.87 lbs/sqf**

ASTM C 373
UNI EN ISO 10545 (3)
WATER ABSORPTION
NONE

ASTM D 256
IMPACT RESISTANCE
6.1 J/m

ASTM C 648
BREAKING STRENGTH
40.9 MPa

ASTM D 790M
FLEXURAL STRENGTH
28.1 MPa

ASTM C 1243
UNI EN ISO 10545 (6)
ABRASIVE WEAR
87.1 mm³

DCOF (DYNAMIC COEFFICIENT OF FRICTION)
0.54 FOR HONED FINISH
0.46 FOR MATT FINISH
0.38 FOR POLISHED FINISH

ASTM D 648
HIGH TEMPERATURE RESISTANCE
94°C

ASTM D 1712
STAIN RESISTANCE
NO STAINING

ASTM C 484
UNI EN ISO 10545 (9)
THERMAL SHOCKS RESIST
RESISTANT

DIN 51094
LIGHT EXPOSURE
RESISTANT

UNI 8457
RESISTANCE TO FIRE
CLASS 1

DIN 51130
RESISTANCE TO SKIDDING
R10

RECYCLED CONTENT
UP TO 72%

UNI EN ISO 10545 (8)
LINEAR THERMAL EXPANSION
23.8 x 10⁻⁶ °C⁻¹

UNI EN ISO 10545 (13)
RESISTANCE TO CHEMICAL AGENTS
RESISTANT

UNI EN ISO 10545 (12)
FROST RESISTANCE
RESISTANT

DIN 51961
RESISTANCE TO CIGARETTE BURNS
RESISTANT

LBC
LIVING BUILDING CHALLENGE, DECLARED,
RED LIST FREE

Composite of granules selected industrially and created in a large commercial slab with a maximum size of 300 cm x 120 cm, a nominal thickness of 6.6 mm and a weight of approximately 14kg/m². It is obtained through vibro-compression and consists of about 93% selected granules of various types such as post-consumer recycled glass, recycled pre-consumer porcelain, glass mosaic, quartz, granite, mixed together, in different sizes, with a minimum quantity of polyester resin and coloured powder pigments.

DECO-TILE

WEIGHT AND DIMENSIONS

THICKNESS	6,6 mm | 1/4"
WEIGHT	14 kg/m² | 2.87 lbs/sqf
DIMENSIONS	29,85 x 29,85 cm | 12" x 12" 60 x 29,85 cm | 24" x 12" 60 x 60 cm | 24" x 24" 120 x 60 cm | 48" x 24" 120 x 120 cm | 48" x 48" 300 x 60 cm | 118" x 24" 300 x 120 cm | 118" x 48"

UNI EN ISO 10545 (8)	
COEFF. OF LINEAR THERMAL EXPANSION	CR 23,8 x 10⁻⁶ °C⁻¹ PR 19,5 x 10⁻⁶ °C⁻¹ RS 20,6 x 10⁻⁶ °C⁻¹ TC 29 x 10⁻⁶ °C⁻¹

UNI EN ISO 10545 (6)	
DEEP ABRASION RESISTANCE	CR 151,8 mm³ PR 221 mm³ RS 87,4 mm³ TC 128 mm³

ASTM D 256	
RESISTANCE TO IMPACT	CR 6,1 J/m PR 6,1 J/m RS 7,4 J/m TC 6,9 J/m

UNI 8457	
RESISTANCE TO FIRE	class 1

TEST DATA

UNI EN ISO 10545 (13)	
RESISTANCE TO CHEMICAL AGENTS	resistant

UNI EN ISO 10545 (9)	
RESISTANCE TO THERMAL SHOCKS	resistant

UNI EN ISO 10545 (3)	
WATER ABSORPTION	none

DIN 51094	
COLOURS RESISTANCE TO FADING	resistant

UNI EN ISO 10545 (12)	
FROST RESISTANCE	resistant

DIN 51130	
RESISTANCE TO SKIDDING	R10

DIN 51961	
RESISTANCE TO CIGARETTE BURNS	resistant

DECO-TILE

STAY CONNECTED
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www.decotile.com
@decotile

Locations

Toronto
Head Office + Warehouse

143 Tycos Dr.
Toronto, ON M6B 1W6
416 413 7985

Oakville
Showroom

550 Speers Rd. Unit #2
Oakville, ON L6K 2G3
905 582 7985