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RED TRAVERTINE

TECHNICAL DATA SHEET

Red Travertine is a premium Turkish natural stone known for its rich red, rust, terracotta and peach tones, natural texture and timeless beauty. Quarried from select regions in Turkey, it is widely used in luxury architectural and interior projects. Available in Vein Cut (VC) and Cross Cut (CC) options.

-  **ORIGIN** : Turkey
-  **COMMERCIAL NAME** : Red Travertine
-  **STONE TYPE** : Calcareous sedimentary rock (Travertine)
-  **PRIMARY COLORS** : Red, rust, terracotta, peach, and pinkish-cream
-  **CUT PATTERNS** : Vein cut (linear parallel bands) or cross-cut (cloudy/flow patterns)
-  **SURFACE FINISHES** : Polished, honed (matte), brushed, tumbled, and sandblasted



For more information
about Red Travertine,
please scan the QR code.

TEST RESULTS OF THE PHYSICAL PARAMETERS

Physical Properties	Unit	Range	Average Value
Scratch hardness according to Mohs scale	Mohs	3 – 4	3.5
Bulk Specific Gravity (Density)	kg/m ³	2,300 – 2,680	2,490
Dry unit weight	kg/m ³	2,200 – 2,560	2,380
Water absorption (by weight)	%	1.2 – 5.0	2.80
Open porosity	%	2.0 – 12.0	5.60
Compressive Strength	MPa	50 – 95	72.0
Flexural (Bending) Strength	MPa	7 – 14	10.5
Abrasion Resistance (Amsler)	mm	18 – 28	22.0
Impact Resistance	cm	20 – 40	30.0
Water absorption coefficient by capillarity	(g/m ² .s ^{0.5})	NPD*	NPD*
Reaction to fire	Class	---	A1
Standard Thickness	cm	2 cm (3/4") / 3 cm (1 1/4") or custom tiles	2 / 3

* This test don't be applied when apparent porosity less than 1 % according to TS EN 1469 (2006) standard.

TEST RESULTS OF THE MECHANICAL PARAMETERS

Mechanical Properties	Unit	Range	Average Value
Uniaxial compressive strength (dry condition)	MPa	50 – 95	72.0
Uniaxial compressive strength (saturated condition)	MPa	35 – 75	55.0
Flexural strength (bending strength)	MPa	7 – 14	10.5
Flexural strength under concentrated load	MPa	8 – 16	11.5
Flexural strength under constant moment	MPa	6 – 12	9.0
Tensile strength by direct compression	MPa	4 – 8	6.0

