Technical Data Sheet

Mellow Beige Travertine

Country of Origin: Turkey

A smooth, tranquil travertine cladding in soft, creamy beige tones, cut into slim strips for a relaxed loose set look. Brings gentle warmth to garden walls, outdoor kitchens and feature walls, indoors or out.

Size Options:

Option 1:

Dimensions:
Length: Free length
Width: 75mm
Depth: 22mm
Finish: Natural Split

Note: travertine is a natural stone, so colour, tone and pore pattern will vary from piece to piece and between batches.



Office Address: Westdene, Whetsted Road A228, Paddock Wood, TN12 6SD. T: 01892 833325 E: sales@corker.co.uk W: www.corker.co.uk
Registered Address: Westdene, Whetsted Road A228, Paddock Wood, TN12 6SD. Company Reg No. 4336913 VAT Reg No. 785853374

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Physical Properties

Characteristics	Standard	Required Values	Test Values
Hardness (Mohs scale)	TS 6809	Declared value	3.0
Real density	TS EN 1936	Declared value	2,652 kg/m³ Range: 2,618-2,698
Bulk density (dry)	TS 699	Declared value	2,450 kg/m³ Range: 2,399-2,492
Bulk density (saturated)	TS 699	Declared value	2,486 kg/m³ Range: 2,433-2,543
Water absorption at atmospheric pressure	TS EN 13755	Declared value	1.48% Range: 0.93-2.30%
Water absorption by volume	TS EN 1936	Declared value	3.64% Range: 2.27-5.69%
Apparent (open) porosity	TS EN 1936	Declared value	3.64% Range: 2.27-5.69%
Total porosity	TS EN 1936	Declared value	5.85% Range: 3.81-7.62%
Compactness	TS 699	Declared value	94.37% Range: 92.58-96.35%
Water absorption coefficient by capillarity	TS EN 1925	Declared value	4.83 g/m²·s$^{0.5}$ Range: 3.64-6.72

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Mechanical Properties

Characteristics	Standard	Required Values	Test Values
Compressive strength (dry)	TS EN 1926	Declared value	67.2 MPa Range: 47.9-96.1 MPa
Compressive strength (saturated)	TS EN 1926	Declared value	55.8 MPa Range: 35.0-70.0 MPa
Flexural strength under concentrated load	TS EN 12372	Declared value	7.58 MPa Range: 6.61-9.58 MPa
Flexural strength under constant moment	TS EN 13161	Declared value	7.16 MPa Range: 6.28-8.84 MPa

Safety & Compliance

	Characteristics	Standard	Required Values	Test Values
Fire Safety	Reaction to fire	TS EN 12058	Declared value	Class A1

Safety & handling

Wear eye, hearing and dust protection when cutting, and gloves when handling. Fix with an exterior grade adhesive or fixings suitable for natural stone cladding. Travertine is acid sensitive: clean with pH neutral products only and seal with an impregnating sealer if required.

Test Information

Tested by the Natural Stone Analysis Laboratory, Pamukkale University (Denizli, Turkey), November 2019, on the Denizli travertine used for this cladding. Values are averages, with the range beneath. As a natural stone, properties may vary between batches.

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Colour & Variation

Understanding Natural Variation in Travertine

How travertine forms

Travertine forms from mineral rich spring water, laying down calcite in fine layers over thousands of years. Gas bubbles and plant matter trapped along the way leave the small pores and channels that give travertine its distinctive, natural texture.

Colour

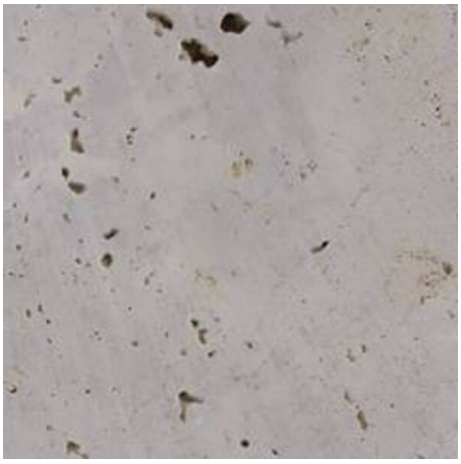
Mellow Beige ranges from soft cream to warm beige, with gentle tonal shifts and faint banding along the strips. No two pieces are identical, and some variation between production batches is normal.

Natural split finish

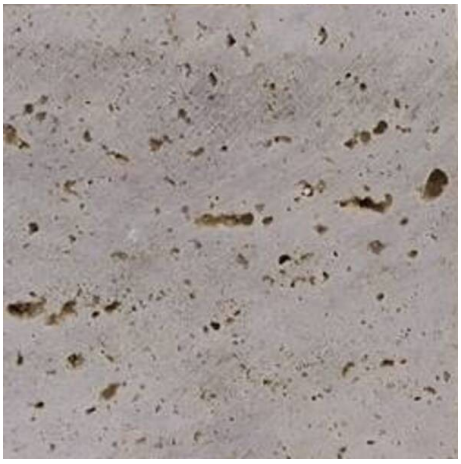
Each strip is split rather than sawn, leaving a natural textured face, so small pores, pits and channels are a normal part of the stone's character rather than a defect. They catch the light and add depth to a finished wall.

Fixing advice

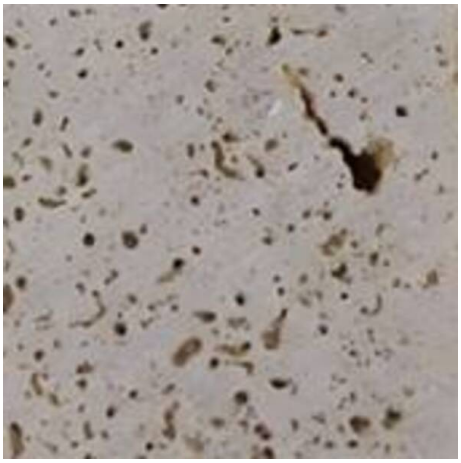
Blend strips from several packs as you fix to spread colour and texture evenly. Dry lay a section first to plan the pattern of lengths, and view a sample before ordering.



Soft cream, fine pores



Cream with linear pore banding



Open pore texture

Photos show laboratory test samples of the same stone, illustrating natural tone and pore variation.

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