

DEKTON® SLIM PROTEK SLIM

TECHNICAL DATA SHEET

DEKTON® SLIM PROTEK | DEKTON® SLIM | DEKTON® SLIM PROTEK XGLOSS | DEKTON® SLIM XGLOSS



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TECHNICAL DATA SHEET

This Technical Data Sheet presents the results of tests carried out in accredited external laboratories and carried out on representative sample batches. Cosentino's liability for these results is limited exclusively to the content described herein and does not imply any implicit or explicit guarantee regarding the properties or performance of the tested product, either alone or in its final application. Verification of the product's performance and suitability in a construction system in combination with other elements is the ultimate responsibility of the installer and/or the specifier of said system.

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Recommended use: At Cosentino, we only recommend the use of Dekton® Slim Protek to prevent breakage during transport and handling, thus ensuring adequate safety during the installation of various applications.

This Technical Data Sheet applies to all Dekton® colors in 4 mm thickness.
Check with the manufacturer for color availability.

Manufacturer's Name and Address

Company: Cosentino Industrial, S.A.U.

Address: Carretera A-334, km 59, 04850 Cantoria (Almería) - Spain

Technical Data Sheet Dekton® Slim Protek

Description: DEKTON® 4 mm thickness with mesh in its back face.
According to EN 14411, ISO 13006, ANSI A137.1 y EN 13501-1.

Test Standard	Determination	Unit	Value
Water absorption EN ISO 10545-3	Average water absorption	%	0,2
Flexural tensile strength (1) EN ISO 10545-4	Average flexural resistance	N/mm ²	≥45
Impact Resistance EN ISO 10545-5	Coefficient of restitution	-	0,83
Linear thermal expansion EN ISO 10545-8	Expansion 30 - 100 °C	10 ⁻⁶ · °C ⁻¹	6,3
Thermal shock resistance EN ISO 10545-9	Damage	-	Pass/ no Damage
Frost Resistance EN ISO 10545-12	Damage	-	Pass/ no Damage
Water absorption ASTM C373	Average water absorption	%	0,2
Breaking strength(1) ASTM C648	Average breaking strength	lbf	392
		N	1742
Reaction to fire (2) EN 13501-1	Euroclass	-	B s1 d0 B _{f1} s1

→ (1) Tested without the reinforcement mesh.
→ (2) Reaction to fire classification with auxiliary mesh.

Test Standard	Determination	Finish	Unit	Value
Resistance to deep abrasion EN ISO 10545-6	Wear volumen	Dekton® Slim Protek	mm ³	122
		Dekton® Slim Protek XGloss		149

Technical Data Sheet Dekton® Slim

Description: DEKTON® 4 mm thickness without mesh in its back face.
According to EN 14411, ISO 13006, ANSI A137.1 y EN 13501-1.

Test Standard	Determination	Unit	Value
Water absorption EN ISO 10545-3	Water absorption	%	0,1
Flexural tensile strength EN ISO 10545-4	Average flexural resistance	N/mm ²	≥ 45
Impact Resistance EN ISO 10545-5	Coefficient of restitution	-	0,83
Linear thermal expansion EN ISO 10545-8	Expansion 30 - 100 °C	10 ⁻⁶ . °C ⁻¹	6
Thermal shock resistance EN ISO 10545-9	Damage	-	Pass/ no Damage
Frost Resistance EN ISO 10545-12	Damage	-	Pass/ no Damage
Water absorption ASTM C373	Average water absorption	%	0,1
Breaking strength ASTM C648	Average breaking strength	lbf	392
		N	1742
Reaction to fire (3) EN 13501-1	Euroclass	-	A1 A1fl

→ (3) Classified without testing (consult Directive 96/603/EC and modifications).

Test Standard	Determination	Finish	Unit	Value
Resistance to deep abrasion EN ISO 10545-6	Wear volumen	Dekton® Slim	mm ³	122
		Dekton® Slim XGloss		149

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