

NG STONE PORCELAIN SLABS

by NG Kütahya Seramik

HPD UNIQUE IDENTIFIER: 117464810496

HPD UNIQUE PRODUCT ID: Not provided.

CLASSIFICATION: 09 30 13 Ceramic Tiling

PRODUCT TYPE: Porcelain (Tile)

PRODUCT DESCRIPTION: This product is a porcelain tile manufactured at the 100. Yıl production facility for use in interior applications, including kitchen countertops and floor coverings. The product has a mass per unit area of 29–45 kg/m² and a thickness range of 12–20 mm. It is produced through a high-temperature firing process (1200–1215°C), resulting in a dense and vitrified structure. The reported weight is based on the final fired product. Surface treatment is applied after firing.

SCREENING DATE: 2026-06-09

PUBLISHED DATE: 2026-06-16

EXPIRY DATE: 2029-06-09

PREPARER: Self-Prepared

Health Product Declaration v3.0

created via: HPDC Online Builder

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Nested Materials Method	Completed in 2 of 2 Materials	
Threshold Disclosed Per	Explanation(s) provided for Residuals/Impurities?	Characterized Yes
→ Product	Yes	Provided weight and role.
Threshold Level		Screened Yes
→ 1,000 ppm		Provided screening results using HPDC-approved methods.
		Identified Yes
		Provided name and CAS RN or other identifier.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

BODY [FELDSPAR LT-UNK | MAM KAOLIN CLAY (PRIMARY CASRN IS 1332-58-7) LT-UNK | CAN KAOLIN LT-UNK | CAN QUARTZ BM-1 | CAN | MAM | GEN] GLAZE [FRITS, CHEMICALS (UNLEADED) LT-P1 | MUL QUARTZ BM-1 | CAN | MAM | GEN KAOLIN LT-UNK | CAN POTASSIUM ALUMINUM SILICATE NoGS FELDSPAR POWDER NoGS KAOLIN CLAY (PRIMARY CASRN IS 1332-58-7) LT-UNK | CAN WOLLASTONITE LT-UNK ZIRCONIUM DIOXIDE LT-P1 | CAN | EYE ALUMINUM OXIDE BM-2 | CAN | MAM ZINC OXIDE BM-1 | END | MUL | AQU | MAM | REP PENTASODIUM TRIPOLYPHOSPHATE LT-UNK | EYE DOLOMITE NoGS MAGNESITE NoGS EDIFAS B LT-UNK | AQU]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The ceramic tile consists of a body and glaze layer composed primarily of mineral-based raw materials such as kaolin (clay), feldspar, quartz, and aluminosilicates in the body, and frits, mineral additives, and functional agents in the glaze. The raw materials are mixed with water to form a homogeneous slurry. The body slurry is spray-dried to obtain granules suitable for pressing, and these granules are shaped under high pressure to form the green body. The glaze is prepared separately using frits, opacifiers (e.g., zircon), fluxes, and processing additives such as dispersants and binders (e.g., STPP, CMC) to achieve the desired surface properties. The glaze is applied onto the body before firing. The product is fired at high temperatures (approximately 1200–1215°C), resulting in a vitrified, dense, and mechanically stable ceramic structure. During firing, organic components are decomposed and mineral phases are transformed into a stable and inert matrix. All substances have been evaluated based on available composition data and Safety Data Sheets (SDS). No substances are present above the reporting threshold, and any potential impurities are considered to be present only at trace levels and are not intentionally added.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Certified

VOC emissions: UL/GreenGuard Gold Certified

Management: ISO 9001:2015 Quality management systems

Management: ISO 45001:2018 Occupational health and safety management systems

CONSISTENCY WITH OTHER PROGRAMS

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

BODY		%: 90.0000 - 95.0000	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Ceramic
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are expected to be present above the reporting threshold in the final fired ceramic body. Based on internal assessments, the high-temperature firing process (approximately 1200–1215°C) results in a dense and stable ceramic matrix. Any trace elements potentially originating from natural raw materials such as clay and minerals are present at negligible levels and remain below the reporting threshold. These substances are not intentionally added.			
OTHER MATERIAL NOTES: The ceramic body is composed of mineral-based raw materials including kaolin (clay), feldspar, quartz, and aluminosilicates. These materials are processed and transformed during high-temperature firing (approximately 1200–1215°C), resulting in a dense, stable, and inert ceramic structure. The final fired body is considered non-hazardous in its solid form, and all substances are present below the reportable threshold.			

FELDSPAR			ID: 68476-25-5	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:13	
%: 40.0000 - 55.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Flux
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - New Zealand		Specific target organ toxicity - repeated exposure category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

KAOLIN CLAY (PRIMARY CASRN IS 1332-58-7)				ID: 12198-85-5
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:13	
%: 20.0000 - 35.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	

SUBSTANCE NOTES: Kaolinite (clay) functions as a structural component in the ceramic body, providing plasticity and shape stability during forming. It contributes to microstructure development during firing and enhances the mechanical strength and integrity of the final product.

KAOLIN

ID: 1332-58-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-06-09 5:06:14

%: 10.0000 - 20.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-06-09 5:06:14

%: 5.0000 - 12.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Filler

SUBSTANCE NOTES:

%: 5.0000 - 10.0000

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are expected to be present above the reporting threshold in the final glaze layer. The firing process ensures vitrification and chemical stabilization of all constituents, forming a durable and inert surface. Any trace substances potentially present from raw materials are at levels below the reporting threshold and are not intentionally added.

OTHER MATERIAL NOTES: The glaze layer consists of frits, mineral additives, and functional agents such as opacifiers, fluxes, dispersants, and binders (e.g., zircon, zinc oxide, STPP, CMC). During firing, the glaze forms a continuous glassy phase that is chemically stable and inert. The final glaze surface is non-hazardous under normal conditions of use, and all substances are present below the reportable threshold.

ID: 65997-18-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:15	
?: 10.0000 - 60.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Glass component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025		
		Electronics (RoHS)		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026		
		Cosmetics & Personal Care Products		
SUBSTANCE NOTES: Contributes to the glassy phase and improves chemical resistance of the fired product.				

QUARTZ			ID: 14808-60-7	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:13	
?: 4.0000 - 30.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Filler

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Quartz (SiO₂) is present at a relatively high concentration (>20%) and serves as a primary glass former in the formulation. During high-temperature firing, it contributes significantly to the formation of the glassy phase, enhancing mechanical strength, dimensional stability, and chemical resistance of the final product.

KAOLIN				ID: 1332-58-7
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:14	
%: 1.0000 - 20.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

POTASSIUM ALUMINUM SILICATE

ID: 12251-44-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-06-09 5:06:14		
%: 7.0000 - 18.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Flux
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

FELDSPAR POWDER

ID: 12168-80-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-06-09 5:06:15		
%: 5.0000 - 18.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Flux
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

KAOLIN CLAY (PRIMARY CASRN IS 1332-58-7)

ID: 12198-85-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-06-09 5:06:15		
%: 1.0000 - 13.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Kaolinite (clay) functions as a processing regulator in the glaze formulation, improving slurry stability, controlling rheological properties, and preventing particle sedimentation. It ensures homogeneous distribution and consistent application during processing.

WOLLASTONITE

ID: 13983-17-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:15	
%: 1.0000 - 8.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Matting agent
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Wollastonite (calcium silicate) is used in glaze formulations as a matting agent to control surface finish by influencing crystallization and melt viscosity during firing. It contributes to the development of matte or semi-matte surfaces and enhances mechanical strength and thermal stability of the glaze.

ZIRCONIUM DIOXIDE

ID: 1314-23-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:16	
%: 0.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Opacifier
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
EYE	GHS - New Zealand	Eye irritation category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES:

ALUMINUM OXIDE

ID: 1344-28-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:16	
%: 1.0000 - 5.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Filler

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products
SUBSTANCE NOTES:		

ZINC OXIDE		ID: 1314-13-2	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-06-09 5:06:17	
?: 0.5000 - 3.0000	GreenScreen: BM-1	RC: None	NANO: No
		SUBSTANCE ROLE: Flux	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Flame Retardants

SUBSTANCE NOTES: Acts as a flux, promoting melting and contributing to the glassy phase formation.

%: 0.1000 - 1.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Dispersant

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

DOLOMITE

ID: 16389-88-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:15	
%: 0.1000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Matting agent
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

MAGNESITE

ID: 13717-00-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:16	
%: 0.1000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Matting agent
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Functions as a filler contributing to material structure and influencing surface appearance.				

EDIFAS B

ID: 9004-32-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-06-09 5:06:16	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
		Chelating Agents - Green Circle (Verified Low Concern)

SUBSTANCE NOTES:

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	UL/GreenGuard Certified	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Solutions – GREENGUARD Certification - Certificate No: 413595-410 COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: Production sites covered under the UL certification. COMPLIANCE URL: https://ngkutahyaseramik.com.tr/uploads/2025/10/22/porcelain-tile-ng-stone-greenguard-certification.pdf COMPLIANCE NOTES: The product has been certified under the UL GREENGUARD Certification Program for low chemical emissions. Testing was conducted in accordance with UL 2821 and evaluated against UL 2818 standard requirements. The product complies with indoor air quality emission limits, including Total Volatile Organic Compounds (TVOC ≤ 0.50 mg/m³) and other regulated VOC thresholds, demonstrating low-emitting performance suitable for indoor environments. The certification is valid for the defined period and applies to products manufactured at the approved production facilities.	ISSUE DATE: 2025-10-21	EXPIRY DATE: 2026-10-21
VOC EMISSIONS	UL/GreenGuard Gold Certified	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Solutions – GREENGUARD Gold Certification - Certificate No: 413595-420 COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: Production sites covered under the UL certification. COMPLIANCE URL: https://ngkutahyaseramik.com.tr/uploads/2025/10/22/porcelain-tile-ng-stone-greenguard-gold-certification.pdf COMPLIANCE NOTES: The product has been certified under the UL GREENGUARD Gold Certification Program for low chemical emissions. Testing was conducted in accordance with UL 2821 and evaluated against UL 2818 (Gold level) requirements. The product complies with stringent indoor air quality emission limits, including Total Volatile Organic Compounds (TVOC ≤ 0.22 mg/m³), making it suitable for sensitive environments such as schools and healthcare facilities. The certification is valid for the specified period and applies to products manufactured at the approved production facilities.	ISSUE DATE: 2025-10-21	EXPIRY DATE: 2026-10-21
MANAGEMENT	ISO 9001:2015 Quality management systems	

COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2025-09-11	EXPIRY DATE: 2027-06-06
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: TSE (Turkish Standards Institution), IQNet recognized		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Company-wide		
APPLICABLE FACILITIES: All manufacturing facilities listed in the certificate (Kütahya plants: Umut, Fayans, Granit, Yer 1, Yer 2)		
COMPLIANCE URL: https://ngkutahyaseramik.com.tr/uploads/2025/09/26/kalite-yonetim-sistemi-belgesi-2025-iqnet.pdf		
COMPLIANCE NOTES: The organization is certified to ISO 9001:2015 Quality Management System by TSE, with international recognition through IQNet. The certification applies to all relevant manufacturing facilities and confirms the implementation and maintenance of a consistent and effective quality management system across the organization.		

MANAGEMENT	ISO 45001:2018 Occupational health and safety management systems	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2024-09-24	EXPIRY DATE: 2027-06-21
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: TSE (Turkish Standards Institution), IQNet recognized		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Company-wide		
APPLICABLE FACILITIES: All manufacturing facilities covered under the certificate (Umut, Fayans, Granit, Yer 1 and Yer 2 plants, Kütahya, Türkiye)		
COMPLIANCE URL: https://ngkutahyaseramik.com.tr/uploads/2025/10/30/isg-yonetim-sistemi-belgesi-2025-iqnet.pdf		
COMPLIANCE NOTES: The organization is certified to ISO 45001:2018 Occupational Health and Safety Management System by TSE, with international recognition through IQNet. The certification applies to all relevant manufacturing facilities and confirms the implementation and maintenance of a structured system to manage occupational health and safety risks and improve workplace safety performance across the organization.		

MANAGEMENT	ISO 14001:2015 - Environmental management systems	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2025-09-17	EXPIRY DATE: 2027-06-22
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: TSE (Turkish Standards Institution), IQNet recognized		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product Line		
APPLICABLE FACILITIES: All manufacturing facilities covered under the certificate (Umut, Fayans, Granit, Yer 1 and Yer 2 plants, Kütahya, Türkiye)		
COMPLIANCE URL: https://ngkutahyaseramik.com.tr/uploads/2025/10/30/cevre-yonetim-sistemi-belgesi-2025-iqnet.pdf		
COMPLIANCE NOTES: The organization is certified to ISO 14001:2015 Environmental Management System by TSE, with international recognition through IQNet. The certification applies to all relevant manufacturing facilities and confirms the implementation and maintenance of a systematic approach to managing environmental impacts, ensuring regulatory compliance, and promoting continuous environmental performance improvement across the organization.		

LCA		Environmental Product Declaration (EPD) by EPD International AB	
COMPLIANCE TYPE: Third-party certification		ISSUE DATE: 2025-11-30	EXPIRY DATE: 2030-11-29
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Dr. Rajesh Kumar Singh – Independent Third-Party Verifier, approved by International EPD System (EPD International AB)			
COMPLIANCE DETAILS:			
COMPLIANCE SCOPE:			
APPLICABLE FACILITIES: Granit, 15 Temmuz, 29 Ekim, Yer-1, Yer-2 and Umut production facilities.			
COMPLIANCE URL:			
https://ngkutahyaseramik.com.tr/uploads/2025/12/09/ng-stone-porcelain-slabs-12-mm-epd-document-epd-ies-0025737-001-en.pdf			
COMPLIANCE NOTES: This Environmental Product Declaration (EPD) has been developed in accordance with ISO 14025 and EN 15804 standards and is verified by an independent third party under the International EPD System (EPD International AB). The declaration covers the life cycle impacts of the product, including raw material supply, manufacturing, and related processes, and provides transparent and comparable environmental performance data.			

MATERIAL HEALTH		ANSI/NSF 51-2012 Food equipment materials	
COMPLIANCE TYPE: Third-party certification		ISSUE DATE: 2024-08-09	EXPIRY DATE: 2026-08-09
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: NSF International – Certificate No: C0805209-01			
COMPLIANCE DETAILS:			
COMPLIANCE SCOPE: Product			
APPLICABLE FACILITIES: NG Kütahya Seramik Porselen Turizm A.Ş. production facilities, Türkiye (including relevant manufacturing plants where certified products are produced).			
COMPLIANCE URL:			
https://ngkutahyaseramik.com.tr/uploads/2025/09/18/nsf-international.pdf			
COMPLIANCE NOTES: Products are certified by NSF International in accordance with ANSI/NSF 51 Food Equipment Materials. This certification confirms that the materials are suitable for food contact applications and comply with all applicable requirements for health and safety. Certified products listed by NSF are authorized to bear the NSF mark. The certification remains valid as long as the products are included in NSF's official listings. No fixed expiration date is defined. Validity is maintained through NSF official listing.			

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

NG Stone combines durability, elegance, and hygiene in a 12-20 mm porcelain slabs. Offered in large sizes, it provides seamless aesthetics for countertops, sinks, tables, furniture, floors, and walls. NSF-certified for direct food contact, it ensures hygienic, antibacterial surfaces. Resistant to UV,

stains, moisture, chemicals, and thermal shock, NG Stone is easy to clean, scratch-resistant, and long-lasting. With flat, oval, and bullnose edge options, it adapts to diverse design needs.

MANUFACTURER INFORMATION

MANUFACTURER: **NG Kütahya Seramik**
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COUNTRY: **Turkey**

WEBSITE: **<https://ngkutahyaseramik.com.tr/en>**
CONTACT NAME: **Büşra Adıgüzel**
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The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard is not:

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.