

NG KÜTAHYA SERAMİK WALL TILES

by NG Kütahya Seramik

HPD UNIQUE IDENTIFIER: 530831360
HPD UNIQUE PRODUCT ID: TR-1982-690723000000
CLASSIFICATION: 09 30 13 Ceramic Tiling
PRODUCT TYPE: Wall Tiles

PRODUCT DESCRIPTION: NG Kütahya Ceramic Wall Tile is a high-quality interior wall covering material designed for residential and commercial applications. Manufactured at the Wall Tile Production Facility using controlled firing temperatures between 1115–1140°C, the product offers consistent structural integrity and surface performance. The tiles have a weight range of 15–20 kg/m² and a thickness of 7–9 mm, providing an optimal balance between durability and ease of installation. Designed specifically for indoor wall applications, the product ensures aesthetic versatility, surface uniformity, and long-term performance. Thanks to the high-temperature firing process, the tiles achieve a stable and inert structure, making them suitable for safe indoor use. NG Kütahya Ceramic Wall Tiles are intended for use in interior wall applications where both functional performance and visual quality are required.

SCREENING DATE: 2026-04-10
PUBLISHED DATE: 2026-06-16
EXPIRY DATE: 2029-04-10
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?	
→ Product	Yes	Characterized Yes
Threshold Level		Screened No
→ 1,000 ppm		Identified No
		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 [Kaolin Clay (Primary CASRN IS 1332-58-7) LT-UNK] CAN
Feldspar LT-UNK] MAM (Unfired Industrial Waste) Not
Screened Calcium Carbonate BM-3] EYE Kaolin LT-UNK] CAN
(Fired Ceramic Scrap) Not Screened Sodium Silicate LT-P1]
END | SKI | EYE] Engobe [Frits, Chemicals (Unleaded) LT-P1]
MUL Kaolin Clay (Primary CASRN IS 1332-58-7) LT-UNK] CAN
Kaolin LT-UNK] CAN Feldspar LT-UNK] MAM Zirconium
Silicate BM-2] Aluminium NoGS Pentasodium
Triphosphate LT-UNK] EYE Edifas B LT-UNK] AQU]

Number of Greenscreen BM-4/BM3 contents ... 1
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The ceramic wall tile consists of a body and glaze layer composed primarily of mineral-based raw materials such as feldspar, clay (kaolinite), calcite, and recycled materials (e.g., fired scrap and industrial waste) 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), 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 prior to firing. The product is fired at high temperatures (approximately 1115–1140°C), resulting in a dense, mechanically stable, and vitrified ceramic structure. During firing, organic additives 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 of 0.1% (1000 ppm), 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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

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		%: 92.0000 - 96.0000	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Ceramic
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities associated with raw materials such as clay, kaolin, feldspar, calcite, and recycled inputs (industrial waste, fired scrap, sodium silicate) have been evaluated based on available supplier data and typical composition profiles. Due to the high-temperature firing process (above 1100°C), the final ceramic matrix forms a stable, vitrified and inert structure. No residuals or impurities are expected to be present above the reporting threshold (0.1%) in the final product.			
OTHER MATERIAL NOTES: The body composition consists of natural mineral-based raw materials such as clay, kaolin, feldspar, and calcite, combined with recycled inputs including fired scrap and industrial by-products. These materials are selected to provide mechanical strength, dimensional stability, and process efficiency. The formulation is optimized for ceramic tile production and undergoes high-temperature firing to achieve a durable and stable structure.			

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

ID: 12198-85-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-04-10 6:43:30	
%: 40.0000 - 49.0000	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) is used as a structural component of the ceramic body, providing plasticity during shaping and contributing to the mechanical strength and dimensional stability after firing. It forms the backbone of the ceramic matrix.

FELDSPAR

ID: 68476-25-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-04-10 6:43:31	
%: 16.0000 - 20.0000	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: Alkali feldspar is used as a flux to reduce the melting temperature during firing and to promote vitrification. It facilitates the formation of a glassy phase, improving densification, mechanical strength, and overall structural integrity of the ceramic body.

(UNFIRED INDUSTRIAL WASTE)

ID: **Not Registered**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

%: 8.0000 - 15.0000 GreenScreen: Not Screened RC: PreC NANO: No SUBSTANCE ROLE: Filler	
HAZARD TYPE	LIST NAME AND SOURCE WARNINGS
	Hazard Screening not performed
ADDITIONAL LISTINGS	LIST NAME AND SOURCE NOTIFICATION
	Additional Hazard Screening not performed

SUBSTANCE NOTES: Unfired industrial waste consists of raw rejects and semi-finished production losses that are reintroduced into the ceramic body as recycled content. It is used to improve resource efficiency and reduce the consumption of virgin raw materials. The material is incorporated into the ceramic matrix and stabilized during the firing process.

CALCIUM CARBONATE

ID: **471-34-1**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-04-10 6:43:31**

%: 10.0000 - 14.0000	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Filler
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: Calcium carbonate (calcite) is used to enhance whiteness and to reduce the firing temperature of the ceramic body. It also contributes to dimensional stability and supports the development of the ceramic microstructure during firing.

KAOLIN

ID: **1332-58-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-04-10 6:43:32**

%: 10.0000 - 14.0000	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: Kaolin (hydrated aluminum silicate) is used as a processing regulator to improve slurry stability and maintain uniform distribution of particles during processing. It contributes to consistent rheological behavior, workability, and overall stability of the ceramic formulation.		

(FIRED CERAMIC SCRAP)

ID: Not Registered

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 3.0000 - 6.0000	GreenScreen: Not Screened	RC: PreC	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			

SUBSTANCE NOTES: Fired scrap is used as recycled content in the ceramic body. It consists of previously fired ceramic material that is reintroduced into the production process to improve resource efficiency and reduce raw material consumption. It remains inert and stable within the ceramic matrix after firing.

SODIUM SILICATE

ID: 1344-09-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-04-10 6:43:31		
%: 0.6000 - 0.8000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
SKI	GHS - New Zealand	Skin corrosion category 1C		
EYE	GHS - New Zealand	Serious eye damage category 1		
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List		
		Antimicrobials		

SUBSTANCE NOTES: Sodium silicate is used as a dispersant (deflocculant) and fluidizing agent to reduce slurry viscosity, improve flowability, and ensure homogeneous particle distribution during ceramic body preparation. It enhances processability and contributes to stable suspension behavior in aqueous systems.

ENGOBE

%: 4.0000 - 8.0000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Ceramic

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities associated with raw materials such as frit, feldspar, clay, kaolin, zircon, and alumina have been evaluated based on available supplier data and typical composition profiles. Additives such as CMC and STPP are used in small quantities for processing purposes. Due to the high-temperature firing process, the final ceramic structure becomes stable, vitrified, and inert. No residuals or impurities are expected to be present above the reporting threshold (0.1%) in the final product.

OTHER MATERIAL NOTES: The engobe layer consists of mineral-based materials such as frit, feldspar, clay, kaolin, zircon, and alumina, formulated to provide surface uniformity, opacity, and adhesion between the body and the decorative or functional surface layers. Organic and inorganic additives, including CMC (binder) and STPP (dispersant), are used in small amounts to control rheology and application properties during processing. The formulation is optimized to ensure a smooth and stable surface after firing.

FRITS, CHEMICALS (UNLEADED)

ID: 65997-18-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-04-10 6:43:31	
%: 60.0000 - 70.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Flux
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 (C2CPII)		C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025	
			Electronics (RoHS)	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026	
			Cosmetics & Personal Care Products	

SUBSTANCE NOTES: Frit is used as a flux to promote melting at lower temperatures and to form a glassy phase during firing. In engobe formulations, it improves adhesion to the body, enhances surface properties, and contributes to mechanical strength and durability.

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

ID: 12198-85-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-04-10 6:43:32	
%: 13.0000 - 18.0000	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) is used as a structural component in the engobe layer, providing suspension stability, surface coverage, and adhesion to the ceramic body. It contributes to layer integrity and supports uniform application and performance during firing.

KAOLIN

ID: 1332-58-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-04-10 6:43:32	
%: 8.0000 - 12.0000	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 (hydrated aluminum silicate) functions as a suspension agent in the engobe layer, helping to maintain homogeneous particle distribution and prevent sedimentation. It improves rheological properties, ensures stable slurry behavior, and supports uniform application on the ceramic surface.

FELDSPAR

ID: 68476-25-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-04-10 6:43:32	
%: 4.0000 - 8.0000	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: Alkali feldspars are used as fluxing agents to lower the melting temperature of the ceramic body and promote the formation of a glassy phase during firing. They enhance densification, mechanical strength, and overall durability of the final product.

ZIRCONIUM SILICATE

ID: 10101-52-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-04-10 6:43:33	
%: 2.0000 - 5.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Opacifier
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: Zirconium oxide is used as an opacifier in the engobe layer to provide opacity and whiteness by scattering light. It improves surface coverage, enhances aesthetic properties, and contributes to a uniform and consistent appearance after firing.		

ALUMINIUM

ID: 15629-83-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-04-10 6:43:33		
%: 2.0000 - 4.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Filler
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: Aluminum oxide (alumina) is used to enhance hardness, abrasion resistance, and mechanical durability of the ceramic material. It contributes to improved performance and resistance to wear in the final product.				

PENTASODIUM TRIPOLYPHOSPHATE

ID: 7758-29-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-04-10 6:43:34		
%: 0.2500 - 0.5000	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: Sodium tripolyphosphate (STPP) functions as a processing regulator in the engobe layer, acting as a dispersing and fluidizing agent. It reduces slurry viscosity, improves particle dispersion, and enhances flow properties, ensuring stable and uniform application during processing.				

EDIFAS B

ID: 9004-32-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-06-09 5:45:45		
%: 0.1500 - 0.3500	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: 413593-410 COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: Production sites covered under the UL certification. COMPLIANCE URL: https://ngkutahyaseramik.com.tr/uploads/2025/10/22/wall-tile-greenguard-certification.pdf COMPLIANCE NOTES: Wall Tile are GREENGUARD Certified in accordance with UL 2818:2022 – Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Products were tested in accordance with the UL 2821 test method to demonstrate compliance with emission limits specified in UL 2818, Section 7.1. Wall finishes are determined compliant using an office environment with an air change rate of 0.68 h⁻¹ and a loading factor of 33.40 m². The products comply with GREENGUARD emission criteria, including limits for Total Volatile Organic Compounds (TVOC ≤ 0.50 mg/m³), formaldehyde, total aldehydes, and individual VOCs as defined by UL 2818 and CDPH Standard Method v1.2. Testing and certification were conducted by UL Solutions based on representative product samples.	ISSUE DATE: 2025-10-21	EXPIRY DATE: 2026-10-21
VOC EMISSIONS	UL/GreenGuard Gold Certified	

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL
Solutions – GREENGUARD Gold Certification - Certificate
No: 413593-420

COMPLIANCE DETAILS:

COMPLIANCE SCOPE: Product

APPLICABLE FACILITIES: Production sites covered under
the UL certification.

COMPLIANCE URL:

<https://ngkutahyaseramik.com.tr/uploads/2025/10/22/wall-tile-greenguard-gold-certification.pdf>

COMPLIANCE NOTES: Wall Tile products are GREENGUARD Gold Certified in accordance with UL 2818:2022 – Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Emission performance was evaluated using the UL 2821 test method and assessed under California Department of Public Health (CDPH) Standard Method v1.2-2017. Compliance was determined based on both classroom and office environment models, with air exchange rates of 0.82 h⁻¹ (classroom) and 0.68 h⁻¹ (office), and loading factors of 94.60 m² and 33.40 m² respectively. The products meet the stringent GREENGUARD Gold emission limits, including Total Volatile Organic Compounds (TVOC ≤ 0.22 mg/m³), formaldehyde, total aldehydes, and individual VOC thresholds defined by CDPH v1.2, which are more restrictive than standard GREENGUARD criteria and suitable for sensitive indoor environments such as schools and healthcare facilities

MANAGEMENT

ISO 9001:2015 Quality management systems

COMPLIANCE TYPE: Third-party certification
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: TSE
(Turkish Standards Institution), IQNet recognized

ISSUE DATE: 2025-09-11

EXPIRY DATE: 2027-06-06

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

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.

+ 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 Kütahya Wall Tiles are ceramic wall covering products manufactured from natural mineral raw materials including clay, kaolin, feldspar, quartz, and other inorganic constituents. The tiles are produced through shaping, drying, glazing, and high-temperature firing processes, resulting in a durable and chemically stable ceramic product. The finished tiles may consist of a ceramic body, engobe layer, decorative elements, and glaze layer depending on the product design. During firing, the mineral constituents undergo vitrification, forming an inert and stable ceramic matrix suitable for interior wall applications.

Internal pre-consumer recycled ceramic materials may be incorporated into the manufacturing process as part of normal production practices. The use of recycled materials does not alter the chemical composition, performance, or safety characteristics of the final product. Under normal conditions of use, the finished ceramic tiles are non-hazardous and do not present expected exposure risks to building occupants. The product is designed for long-term durability and is intended to maintain its physical and aesthetic properties throughout its service life.

MANUFACTURER INFORMATION

MANUFACTURER: **NG Kütahya Seramik**
ADDRESS: **Çalca Mahallesi Ahmet Özten (Os) Sok. Merkez / Kütahya Merkez Kütahya, Kütahya 43000 COUNTRY: Turkey**

WEBSITE: **https://ngkutahyaseramik.com.tr/en**
CONTACT NAME: **Büşra Adıgüzel**
TITLE: **Quality Management Systems Manager**
PHONE: **+90 274 225 12 00**
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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.

