

**TECHNICAL SPECIFICATIONS OF
“30X60 GRUNGE”**

PRODUCT DESCRIPTION: Matt surfaced nonrectified porcelain tile with very low water absorption.

USAGE AREA: The grey color is suitable for light traffic area floors of a house. Light grey color is suitable for entrance and corridors of a house. Frost resistant.

TECHNICAL SPECIFICATIONS:			
Conformity to	EN 14411 B I a		
Nominal Size	300x600x9 mm.	EN ISO 10545-2	
Color	Grey Light Grey		
Water Absorption	Max. 0,5%	EN ISO 10545-3	
Resistance to Thermal Shock	Resistant/Affirmative	EN ISO 10545-9	Products are shocked from 145+5 °C to 15+5 °C. This process is repeated 10 times.
Surface Abrasion Resistance	Grey: P.E.I. 2 Light Grey: P.E.I. 3		
Bending Strength	Min. 450 Kg./cm. ² (45 N/mm. ²)	EN ISO 10545-4	3 points bending test results.
Resistance to Staining	Class 5 Stain proof.	EN ISO 10545-14	Testing stainers are Ferrous Oxide (Fe ₂ O ₃) as “red” stainer and Chromium Oxide (Cr ₂ O ₃) as “green” stainer, also Iodine (I) and olive oil. Additionally to above stainers which are stated in EN standards, SERAMIKSAN tests some extra stainers from daily life such as tea, coffee, cola, ketchup, shoe polish etc.
Resistance to Chemicals	Resistant/Affirmative	EN ISO 10545-13	Testing chemicals: - Ammonium Chloride Solution (NH ₄ Cl) (100 g./ℓ.) - Sodium Hypochlorite Solution (NaClO) (20 mg./ℓ.) - Hydrochloric Acid Solution (HCl) (3% and 18% v/v) - Citric Acid Solution (C ₆ H ₈ O ₇) (100 g./ℓ.) - Lactic Acid (5% v/v) - Potassium Hydroxide Solution (KOH) (30 g./ℓ. And 100 g./ℓ.) - Acetic Acid Solution (CH ₃ COOH) (4% v/v) - Saturated Salt Solution
Frost Resistance	Resistant/Affirmative	EN ISO 10545-12	Tiles are being absorbed water by vacuum pumping and shocked between -5 °C and +5 °C with 100 times cycling.
Hardness Value	With respect to MOHS hardness scale, our value is 5.	EN 101	
Packing Details	In Box: 8 Pieces - 1,44 m. ² In Pallet: 36 Boxes – 51,84 m. ² Pallet Dimensions: 80x120 cm.		

Before using the products, the instructions with color and dimensions details on the packing should be read carefully.

Sincerely,

Engin AKGUN
Quality Assurance & Process Control Manager



seramiksan
FURGUTLU SERAMİK SAN. VE TİC. A.Ş.