

**TECHNICAL SPECIFICATIONS OF
"20x20 MARSILYA SERIES"**

PRODUCT DESCRIPTION: Matt surfaced non-rectified porcelain tile with very low water absorption.

USAGE AREA: Suitable for moderately heavy traffic area floors like the entrance and the corridor. Frost resistant.

TECHNICAL SPECIFICATIONS:			
Conformity to	EN 14411 B I a		
Nominal Size	200X200x6 mm.	EN ISO 10545-2	
Color	GREY, BEIGE		
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.3 Beige 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 (Fe2O3) as "red" stainer and Chromium Oxide (Cr2O3) 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 (NH4Cl) (100 g./ℓ.) - Sodium Hypochlorite Solution (NACIO) (20 mg./ℓ.) - Hydrochloric Acid Solution (HCl) (3% and 18% v/v) - Citric Acid Solution (C6H8O7) (100 g./ℓ.) - Lactic Acid (5% v/v) - Potassium Hydroxide Solution (KOH) (30 g./ℓ. And 100 g./ℓ.) - Acetic Acid Solution (CH3COOH) (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.
Packing Details	In Box: 30 Pieces - 1,20 m. ² 80x120 cm.	In Pallet: 72 Boxes – 86,4 m. ²	Pallet Dimensions:

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
TURGUTLU SERAMİK SAN. VE TİC. A.Ş.