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TECHNICAL DATA SHEET

Ref: BLANCO MATE 20x50

Group: Dry-pressed ceramic tiles, 200mm x 500mm, Glazed, GROUP BIII

UNE-EN-ISO 10545:2019

Nominal measurements: 200x500x9.3 (mm)

Maximum diviations of the average: 0.16% / -0.05%

Thickness: 9.3 (mm)

Maximum deviation: 2.48%

-Straightness: 0.07% / -0.03%

-Rectangularity: 0.10% / -0.18%

Water Absortion: 14.8%

Breaking Strenght:

-Breaking load F (N): 625

-Breaking strength S (N): 725

-Modulus of rupture R (N/mm²): 22

Resistance to termal shock: The tiles tested are free from visible defects.

Crack resistance: The tiles tested are free from visible defects.

Resistance to Stains:

-Stains having tracing action: Stain removed

-Stains having quemical action: Stain removed

-Stains having filming action: Stain removed

Declaration of Performance:

Characteristics

Properties

Technical Specification

Reaction to fire	Class A1	EN-ISO 10545:2019
Resistance to thermal shock	According	
Adhesión (N/mm2)	>0,5 N/mm2	
Breaking resistance	Thickness $\geq 7,5\text{mm}$ ≥ 600 N Thickness $< 7,5$ mm ≥ 400 N	
Durability: - Interior Applications	According	
Resistance to thermal shock	According	
Emissions of dangerous (Cd/ Pb)		
- Cadmium	PND	
-Lead	PND	

Chemical resistance:

- Ammonium Chloride (100 g/l): A- The tiles tested are free from visible defects.
- Sodium Hypochlorite (20 mg/l): A- The tiles tested are free from visible defects.
- Hydrochloric Acid (3% v/v): LA- The tiles tested are free from visible defects.
- Citric Acid (100 g/l): LA- The tiles tested are free from visible defects.
- Potassium Hydroxide (30 g/l): LA- The tiles tested are free from visible defects.

CASTELLÓN, 5th January 2026

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