

Product Specification

Technical features - Compliant with standards EN 14411 (ISO 13006)

TEST	TEST METHOD	REQUIRED STANDARDS	RESULT
Length and Width	ISO 10545-2	± 0.6% Max	Conforms
Thickness	ISO 10545-2	± 5% Max	Conforms
Linearity	ISO 10545-2	± 0.5% Max	Conforms
Wedging	ISO 10545-2	± 0.6% Max	Conforms
Warpage	ISO 10545-2	± 0.5% Max	Conforms
Water Absorption	ISO 10545-3	≤ 0.5%	Conforms
Deep Abrasion Resistance	ISO 10545-7	≤ 175mm ³	142mm ³
Stain Resistance	ISO 10545-14	Testing method available	Resistant
Frost Resistance	ISO 10545-12	Required	Resistant
Chemical Resistance	ISO 10545-13	Required	Conforms
Resistance to Thermal Shocks	ISO 10545-9	Required	Resistant
Frost resistance	ISO 10545-12	Required	Conforms

Understanding Ramp Test Data

DIN Standard Ramp Testing (DIN 51130) is an alternative to Pendulum Testing and generally categorised as an 'off-site' activity because of the size and complexity of the equipment required to carry out the test. The Slip Resistance Values (RSV) are factory gate values (based on supplied tiles) and categorised using the Ramp Test (DIN 51130) method which is commonly used by European factories. In this method, a lubricated inclined platform is adjusted to a gradually increasing gradient, and the angle is measured at which a person walking on it slips.

We have deliberately not included the ramp test angles on this page as this information can be confused with the angle that a floor may be safely set to, which is incorrect. The shod test results are quoted as an R Rating value from R9 to R13, which relates to the ramp angle. See the [Health and Safety Executives website](#) for more information regarding the Ramp Test procedure. Ramp Test Certificate available on request.

R. RATING VALUE	FRICTION
R9	Minimal
R10	Normal
R11	Good
R12	Good
R13	Very High

Understanding Shade Tone Variance

Shade, texture and tone can vary from piece to piece within a single tile production run. V1 shade tone variation has little or no change from piece to piece where a V4 might have a substantial variety of shade, texture and tone variation.

VARIANCE RATING	DESCRIPTION
V1	Uniform Appearance
V2	Slight Variation
V3	Moderate Variation
V4	Substantial Variation

Tile Shade Variance

