EMPORIO SURFACES

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
.War.page.	ISO 10545-2	± 0.5% Max	Conforms
.Water. Absorption.	ISO 10545-3	≤ .05%.	Conforms
Deep. Abrasion. Resistance.	ISO 10545-7	≤ .17.5mm³.	.1.42mm 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.

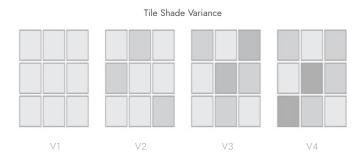
Ramp Test Certificate available on request.

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.

YARIANCE RATING	DESCRIPTION	
V.1.	Uniform Appearance	
V2	Slight Variation	
V3	Moderate Variation	
V.4.	Substantial Variation	



This information should be considered to be informal and non-binding. The products must be used according to local conditions and materials. Manufacturers instructions must be read carefully and followed closely. Always test the products in an inconspicuous area. We cannot accept any responsibility for reliance placed upon the advice contained herein since practical expertise and site conditions are outside of our control. Neither do we accept liability for the performance of the product arising from such use. This does not affect your statutory rights. The company reserves the right to modify, change, or cancel the content of this document without prior notice. The technical details mentioned cancel and replace the ones reported previously and where dimensions or sizes are specified, they shall be deemed to be nominal. © Emporio Surfaces · V.24.193