

## Specifications for ARDESIE collection

Supply of **Mirage** porcelain stoneware flooring.

### Products sector and process features

Slabs of Mirage Fine Porcelain stoneware, solid and vitrified throughout the mass, consisting of a very fine body made of prized clays with the addition of feldspars, quartzes and kaolins, obtained by pressing (450kg/cm<sup>2</sup> and more) of the atomized body and then sintered at a temperature of about 1250°C. Complete vitrification of the slabs makes it possible to have average absorption rates of 0.02%, well below the limits prescribed by ISO 10545-3 European standard. The finished product is therefore **compact, frost-proof, impact resistant, resistant to chemical and physical attacks, bending thermal shocks.**

### Compliance with EN 14411-G standards

The **Ardesie** collection complies with **all EN 14411-G standards.**

### Green Certifications

Bearing witness to the conformity to strict European ecological and technical performance parameters, the collection is **Ecolabel certified** (certification IT/21/01); **Leed compliant**, the La corte collection also contributes to the award of between 3 and 8 Leed credits, depending on the colour used and its use.

### Commercial description of the product

COMPANY                      Mirage granito ceramico SpA

COLLECTION                      Ardesie

SIZES                              15x15x1,0 NAT SQ  
    30x30x1,0 NAT SQ  
    15x60x1,0 NAT SQ  
    30x60x1,0 NAT SQ  
    30x60x1,0 NAT SQ R12  
    45x45x1,0 NAT SQ  
    60x60x1,0 NAT SQ  
    60x60x2,0 NAT SQ  
    45x90x1,0 NAT SQ

















SURFACES                      Natural

# ardesie **caratteristiche tecniche**

Technical specifications - Technische Eigenschaften - Caractéristiques techniques

Características técnicas - Технические характеристики

## STANDARD EN 14411 - G

	CARATTERISTICHE TECNICHE TECHNICAL DATA TECHNISCHE DATEN CARACTERISTIQUES TECHNIQUES CARACTERISTICAS TECNICAS ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ	NORMA STANDARD NORM NORME NORMA ЗНАЧЕНИЯ	VALORI PRESCRITTI DALLE NORME EN 14411 - G INTERNATIONAL STANDARDS EN 14411 - G INTERNATIONALE NORMWERTE EN 14411 - G VALEURS PREVUES PAR LES NORMES EN 14411 - G VALORES PREVISTOS POR LAS NORMAS EN 14411 - G ПРЕДУСМОТРЕННЫЕ СТАНДАРТОМ EN 14411-G	*VALORE MEDIO MIRAGE MIRAGE AVERAGE VALUE MIRAGE MITTELWERT VALEURS MOYEN MIRAGE VALOR MEDIO MIRAGE СРЕДНЕЕ ЗНАЧЕНИЕ MIRAGE
	<b>CARATTERISTICHE DIMENSIONALI</b> - SIZE CHARACTERISTICS - MASSEIGENSCHAFTEN - DETERMINATION DES CARACTERISTIQUES DIMENSIONELLES - CARACTERÍSTICAS DIMENSIONALES - РАЗМЕРНЫЕ ХАРАКТЕРИСТИКИ			
	<b>LATI</b> SIDES - SEITEN COTES - CANTOS РАЗМЕРЫ СТОРОН	EN ISO 10545-2	± 0,6% MAX (± 2,0 mm MAX)	CONFORME COMPLYING - ERFÜLLT CONFORME - CONFORME СООТВЕТСТВУЕТ
	<b>SPESSORE</b> THICKNESS - DICKE ÉPAISSEUR - ESPESOR ТОЛЩИНА	EN ISO 10545-2	± 5,0% MAX (± 0,5 mm MAX)	CONFORME COMPLYING - ERFÜLLT CONFORME - CONFORME СООТВЕТСТВУЕТ
	<b>RETTILINEITÀ DEGLI SPIGOLI</b> STRAIGHTNESS OF SIDES - GERADLINIGKEIT DER KANTEN RECTITUDE DES ARETES - RECTITUD DE LOS CANTOS КОСОУГОЛЬНОСТЬ	EN ISO 10545-2	± 0,5% MAX (± 1,5 mm MAX)	CONFORME COMPLYING - ERFÜLLT CONFORME - CONFORME СООТВЕТСТВУЕТ
	<b>ORTOGONALITÀ</b> RECTANGULARITY - RECHTWINKLIGKEIT PERPENDICULARITÉ - ORTOGONALIDAD КРИВИЗНА СТОРОН	EN ISO 10545-2	± 0,6% MAX (± 2,0 mm MAX)	CONFORME COMPLYING - ERFÜLLT CONFORME - CONFORME СООТВЕТСТВУЕТ
	<b>PLANARITÀ</b> SURFACE FLATNESS - EBENFLÄCHIGKEIT PLANEITE DE SURFACE - PLANEIDAD КРИВИЗНА ЛИЦЕВОЙ ПОВЕРХНОСТИ	EN ISO 10545-2	± 0,5% MAX (± 2,0 mm MAX)	CONFORME COMPLYING - ERFÜLLT CONFORME - CONFORME СООТВЕТСТВУЕТ
	<b>ASSORBIMENTO D'ACQUA</b> WATER ABSORPTION - WASSERAUFNAHME ABSORPTION D'EAU - ABSORCIÓN DE AGUA ВОДОПОГЛОЩЕНИЕ	EN ISO 10545-3	≤ 0,5%	0,05%
	<b>RESISTENZA ALLA FLESSIONE</b> FLEXION RESISTANCE - BIEGEFESTIGKEIT RESISTANCE A LA FLEXION - RESISTENCIA A LA FLEXIÓN ПРЕДЕЛ ПРОЧНОСТИ ПРИ ИЗГИБЕ	EN ISO 10545-4	S ≥ 700 N (< 7,5 mm) S ≥ 1.300 N (> 7,5 mm) R ≥ 35 N/mm <sup>2</sup> .	S 3.000 N R ≥ 53 N/mm <sup>2</sup> (formato 60x60 - 60x60 size)
	<b>RESISTENZA ALL'URTO</b> IMPACT RESISTANCE - STOSSFESTIGKEIT RESISTANCE AUX CHOCS - RESISTENCIA A LOS GOLPES УДАРОСТОЙКОСТЬ	EN ISO 10545-5	VALORE DICHIARATO DECLARED VALUE	0,87
	<b>RESISTENZA ALL'ABRASIONE</b> ABRASION RESISTANCE - ABRIEBFESTIGKEIT RESISTANCE A L'ABRASION - RESISTENCIA A LA ABRASIÓN СТОЙКОСТЬ К ИСТИРАНИЮ	EN ISO 10545-6	≤ 175 mm <sup>3</sup>	135 mm <sup>3</sup>
	<b>COEFFICIENTE DI DILATAZIONE TERMICA LINEARE</b> COEFFICIENT OF LINEAR THERMAL-EXPANSION - LINEARER WÄRMEAUSSDEHNUNGSKOEFFIZIENT COEFFICIENT DE DILATATION THERMIQUE LINEAIRE - COEFICIENTE DE DILATACIÓN TÉRMICA LINEAL КОЭФФИЦИЕНТ ЛИНЕЙНОГО ТЕРМИЧЕСКОГО РАСШИРЕНИЯ	EN ISO 10545-8	-	α=7x10 <sup>-6</sup> °C <sup>-1</sup>
	<b>RESISTENZA AGLI SBALZI TERMICI</b> RESISTANCE TO THERMAL SHOCKS - BESTÄNDIGKEIT GEGEN TEMPERATURSCHWANKUNGEN RESISTANCE AUX CHOCS THERMIQUES - RESISTENCIA A LOS CHOQUES TÉRMICOS СТОЙКОСТЬ К ПЕРЕПАДАМ ТЕМПЕРАТУРЫ	EN ISO 10545-9	TEST SUPERATO SECONDO EN ISO 10545-1 PASS ACCORDING EN ISO 10545-1	NESSUN DANNO NO DAMAGE - KEIN SCHADEN AUCUN DOMMAGE - NINGUN DANO БЕЗ ПОВРЕЖДЕНИЙ
	<b>RESISTENZA AL GELO</b> FROST RESISTANCE - FROSTBESTÄNDIGKEIT RESISTANCE AU GEL - RESISTENCIA AL HIELO МОРОЗОСТОЙКОСТЬ	EN ISO 10545-12	TEST SUPERATO SECONDO EN ISO 10545-1 PASS ACCORDING EN ISO 10545-1	NESSUN DANNO NO DAMAGE - KEIN SCHADEN AUCUN DOMMAGE - NINGUN DANO БЕЗ ПОВРЕЖДЕНИЙ
	<b>RESISTENZA ALL'ATTACCO CHIMICO</b> RESISTANCE TO CHEMICALS - CHEMIKALIENBESTÄNDIGKEIT RESISTANCE A L'ATTAQUE CHIMIQUE - RESISTENCIA QUÍMICA ХИМИЧЕСКАЯ СТОЙКОСТЬ	EN ISO 10545-13	UB MIN.	UA ULA UHA
	<b>RESISTENZA ALLE MACCHIE</b> RESISTANCE TO STAINS - FLECKENBESTÄNDIGKEIT RESISTANCE AUX TACHES - RESISTENCIA A LAS MANCHAS УСТОЙЧИВОСТЬ К ПЯТНООБРАЗОВАНИЮ	EN ISO 10545-14	VALORE DICHIARATO DECLARED VALUE	5
	<b>CESSIONE DI PIOMBO E CADMIO</b> LEAD AND CADMIUM DISCHARGE - ABGABE VON BLEI UND CADMIUM PERTE DE PLOMB ET CADMIUM - CESIÓN DE PLOMO Y CADMIO ВЫДЕЛЕНИЕ СВИНЦА И КАДМИЯ	EN ISO 10545-15	VALORE DICHIARATO DECLARED VALUE	< AL LIMITE DI RILEVAMENTO < THAN INSTRUMENT LIMIT < UNMESSBARES WERT < LIMITE DE L'INSTRUMENT < LIMITE DEL INSTRUMENTO < НА ПРЕДЕЛЕ ОПРЕДЕЛИМОСТИ
				<b>NAT</b> <b>NAT R12</b> <b>NAT 20 mm</b>
	<b>SCIVOLOSITÀ</b> SKID RESISTANCE - RUTSCHWERT GLISSANCE - ADHERENCIA СКОЛЬЗКОСТЬ		DM. 236/89 BCRA ASTM Wet and Dry DIN 51130 DIN 51097 ENV 12633 UNI EN 13036 - 4:2011	> 0,40 > 0,60 - - ≥ CL1 ≥ 36
				> 0,40    > 0,40    > 0,40 > 0,60    > 0,60    > 0,60 R10        R12        R11 A+B        A+B+C    A+B+C CL2        CL3        - -            ≥ 36        -

Per i certificati specifici, contattare Mirage SpA - For specific certificates, please contact Mirage SPA - Für die speziellen Zertifikate wenden Sie sich bitte an Mirage SpA - Pour les certificats spécifiques, veuillez contacter Mirage SPA - Para los certificados específicos, contactar Mirage SPA - Для сертификатов обращайтесь в компанию Mirage SpA