DINAMIKA

DCOF: WET

PIETRA DI BORGOGNA matte > 0.68

BRECCIA GREY matte > 0.63

PIETRA PECE matte > 0.74

TRAVERTINO matte > 0.63

TECHNICAL FEATURES

HSE 1- STONE EDITION PIETRA DI BORGOGNA collection.

EN 14411:2016 Annex G Required for BIa

Reference	Characteristics	Standard	Required values		CdC Values:
Dimensional standard	Length and width	ISO 10545-2	± 0.6%	± 2.0 mm	**Comply**
	Straightness of sides	ISO 10545-2	± 0.5%	± 1.5 mm	**Comply**
	Rectangularity	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness-Centre curvature	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness - Edge curvature	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness - Warpage	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Thickness	ISO 10545-2	± 5%	± 0.5 mm	**Comply**
	Surface quality	ISO 10545-2	Minimum 95%		**Comply**
Mechanical Standard	Water absorption	ISO 10545-3	Maximum 0.5%		**~ 0.1%**
	Modulus of rupture	ISO 10545-4	> 35 N/mm2		**Comply**
	Breaking Strength	ISO 10545-4	> 1300 N		**Comply**
	Impact resistance	ISO 10545-5	Declared value		**~ 0.89 (COR)**
	Linear thermal expansion	ISO 10545-8	Declared value		**α = ~ 6.4x10-6 °C-1**
	Thermal shock resistance	ISO 10545-9	Pass		**Comply**
	Moisture Expansion	ISO 10545-10	Declared value		**~ 0.04 mm/m**
	Crazing Resistance	ISO 10545-11	Pass		**Comply**
	Frost resistance	ISO 10545-12	Pass		**Comply**
	Chemical resistance	ISO 10545-13	Minimum class GB		**Comply**
	DEEP Abrasion	ISO 10545-6	<175mm3		**106 mm³**
	MOHS	Declared value			**Mohs ≥6**

		Multi-attribute		Declared value	Nat	**HT (HEAVY TRAFFIC)**
Safety Standard	International requirements	Stain resistance	ISO 10545-14	Minimum class 3		**Comply**
		Fire reaction - floor	EN 13823	Not Required		**A1fl class (No reaction)**
		Fire reaction - wall	EN 13823	Not Required		**A1 class (No reaction)**
		VOC				**No VOC**
	EU requirements	Ramp resistance	DIN EN 16165:2021 Annex B	Declared value	Nat	**R10**
		Barefoot ramp resistance	DIN EN 16165:2021 Annex A	Declared value	Nat	**B**
	US Requirements	Dynamic coefficient of Friction DCOF	ANSI A326.3:2022	Declared value	Nat	***0.69***
	IT Requirements	Determination of slipperiness BCR tortus	DM 236-89	> 0.40	Nat	***DRY: 0.51 WET: 0.67***
	EU requirements	PENDULUM	DIN EN 16165:2021 Annex C	Declared value	Nat	***DRY: 57 WET: 47***

Values reflect an average among test performed in our laboratory according to the standard requirements and/or trough third party laboratory.

Test are performed on actual production, first choice material. Values may vary between single individual production run.

HSE 5- STONE EDITION BRECCIA GREY collection.

EN 14411:2016 Annex G Required for BIa

Reference	*Characteristics*	*Standard*	*Required values*		*CdC Values:*
Dimensional standard	Length and width	ISO 10545-2	± 0.6%	± 2.0 mm	**Comply**
	Straightness of sides	ISO 10545-2	± 0.5%	± 1.5 mm	**Comply**
	Rectangularity	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness-Centre curvature	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness - Edge curvature	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness - Warpage	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Thickness	ISO 10545-2	± 5%	± 0.5 mm	**Comply**
	Surface quality	ISO 10545-2	Minimum 95%		**Comply**
Mechanical Standard	Water absorption	ISO 10545-3	Maximum 0.5%		**~ 0.1%**
	Modulus of rupture	ISO 10545-4	> 35 N/mm2		**Comply**
	Breaking Strength	ISO 10545-4	> 1300 N		**Comply**
	Impact resistance	ISO 10545-5	Declared value		**~ 0.89 (COR)**
	Linear thermal expansion	ISO 10545-8	Declared value		**α = ~ 6.4x10-6 °C-1**
	Thermal shock resistance	ISO 10545-9	Pass		**Comply**
	Moisture Expansion	ISO 10545-10	Declared value		**~ 0.04 mm/m**
	Crazing Resistance	ISO 10545-11	Pass		**Comply**
	Frost resistance	ISO 10545-12	Pass		**Comply**
	Chemical resistance	ISO 10545-13	Minimum class GB		**Comply**
	DEEP Abrasion	ISO 10545-6	<175mm3		**106 mm³**
	MOHS	Declared value			**Mohs ≥6**

		Multi-attribute		Declared value	Nat	**HT (HEAVY TRAFFIC)**
Safety Standard	International requirements	Stain resistance	ISO 10545-14	Minimum class 3		**Comply**
		Fire reaction - floor	EN 13823	Not Required		**A1fl class (No reaction)**
		Fire reaction - wall	EN 13823	Not Required		**A1 class (No reaction)**
		VOC				**No VOC**
	EU requirements	Ramp resistance	DIN EN 16165:2021 Annex B	Declared value	Nat	**R10**
		Barefoot ramp resistance	DIN EN 16165:2021 Annex A	Declared value	Nat	**B**
	US Requirements	Dynamic coefficient of Friction DCOF	ANSI A326.3:2022	Declared value	Nat	***0.64***
	IT Requirements	Determination of slipperiness BCR tortus	DM 236-89	> 0.40	Nat	***DRY: 0.51*** ***WET: 0.55***
	EU requirements	PENDULUM	DIN EN 16165:2021 Annex C	Declared value	Nat	***DRY: 58*** ***WET: 38***

Values reflect an average among test performed in our laboratory according to the standard requirements and/or trough third party laboratory.

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HSE 8- STONE EDITION PIETRA PECE collection.

EN 14411:2016 Annex G Required for BIa

Reference	*Characteristics*	*Standard*	*Required values*		*CdC Values:*
Dimensional standard	Length and width	ISO 10545-2	± 0.6%	± 2.0 mm	**Comply**
	Straightness of sides	ISO 10545-2	± 0.5%	± 1.5 mm	**Comply**
	Rectangularity	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness-Centre curvature	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness - Edge curvature	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness - Warpage	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Thickness	ISO 10545-2	± 5%	± 0.5 mm	**Comply**
	Surface quality	ISO 10545-2	Minimum 95%		**Comply**
Mechanical Standard	Water absorption	ISO 10545-3	Maximum 0.5%		**~ 0.1%**
	Modulus of rupture	ISO 10545-4	> 35 N/mm2		**Comply**
	Breaking Strength	ISO 10545-4	> 1300 N		**Comply**
	Impact resistance	ISO 10545-5	Declared value		**~ 0.89 (COR)**
	Linear thermal expansion	ISO 10545-8	Declared value		**α = ~ 6.4x10-6 °C-1**
	Thermal shock resistance	ISO 10545-9	Pass		**Comply**
	Moisture Expansion	ISO 10545-10	Declared value		**~ 0.04 mm/m**
	Crazing Resistance	ISO 10545-11	Pass		**Comply**
	Frost resistance	ISO 10545-12	Pass		**Comply**
	Chemical resistance	ISO 10545-13	Minimum class GB		**Comply**
	DEEP Abrasion	ISO 10545-6	<175mm3		**106 mm³**
	MOHS	Declared value			**Mohs ≥6**

		Multi-attribute		Declared value	Nat	**HT (HEAVY TRAFFIC)**
Safety Standard	International requirements	Stain resistance	ISO 10545-14	Minimum class 3		**Comply**
		Fire reaction - floor	EN 13823	Not Required		**A1fl class (No reaction)**
		Fire reaction - wall	EN 13823	Not Required		**A1 class (No reaction)**
		VOC				**No VOC**
	EU requirements	Ramp resistance	DIN EN 16165:2021 Annex B	Declared value	Nat	**R10**
		Barefoot ramp resistance	DIN EN 16165:2021 Annex A	Declared value	Nat	**B**
	US Requirements	Dynamic coefficient of Friction DCOF	ANSI A326.3:2022	Declared value	Nat	***0.74***
	IT Requirements	Determination of slipperiness BCR tortus	DM 236-89	> 0.40	Nat	***DRY: 0.57*** ***WET: 0.71***
	EU requirements	PENDULUM	DIN EN 16165:2021 Annex C	Declared value	Nat	***DRY: 59*** ***WET: 53***

Values reflect an average among test performed in our laboratory according to the standard requirements and/or trough third party laboratory.

Test are performed on actual production, first choice material. Values may vary between single individual production run.

HSE 10- STONE EDITION TRAVERTINO collection.

EN 14411:2016 Annex G Required for BIa

Reference	*Characteristics*	*Standard*	*Required values*		*CdC Values:*
Dimensional standard	Length and width	ISO 10545-2	± 0.6%	± 2.0 mm	**Comply**
	Straightness of sides	ISO 10545-2	± 0.5%	± 1.5 mm	**Comply**
	Rectangularity	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness-Centre curvature	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness - Edge curvature	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Flatness - Warpage	ISO 10545-2	± 0.5%	± 2.0 mm	**Comply**
	Thickness	ISO 10545-2	± 5%	± 0.5 mm	**Comply**
	Surface quality	ISO 10545-2	Minimum 95%		**Comply**
Mechanical Standard	Water absorption	ISO 10545-3	Maximum 0.5%		**~ 0.1%**
	Modulus of rupture	ISO 10545-4	> 35 N/mm2		**Comply**
	Breaking Strength	ISO 10545-4	> 1300 N		**Comply**
	Impact resistance	ISO 10545-5	Declared value		**~ 0.89 (COR)**
	Linear thermal expansion	ISO 10545-8	Declared value		**α = ~ 6.4x10-6 °C-1**
	Thermal shock resistance	ISO 10545-9	Pass		**Comply**
	Moisture Expansion	ISO 10545-10	Declared value		**~ 0.04 mm/m**
	Crazing Resistance	ISO 10545-11	Pass		**Comply**
	Frost resistance	ISO 10545-12	Pass		**Comply**
	Chemical resistance	ISO 10545-13	Minimum class GB		**Comply**
	DEEP Abrasion	ISO 10545-6	<175mm3		**106 mm³**
	MOHS	Declared value			**Mohs ≥6**

		Multi-attribute		Declared value	Nat	**HT (HEAVY TRAFFIC)**
Safety Standard	International requirements	Stain resistance	ISO 10545-14	Minimum class 3		**Comply**
		Fire reaction - floor	EN 13823	Not Required		**A1fl class (No reaction)**
		Fire reaction - wall	EN 13823	Not Required		**A1 class (No reaction)**
		VOC				**No VOC**
	EU requirements	Ramp resistance	DIN EN 16165:2021 Annex B	Declared value	Nat	**R10**
		Barefoot ramp resistance	DIN EN 16165:2021 Annex A	Declared value	Nat	**B**
	US Requirements	Dynamic coefficient of Friction DCOF	ANSI A326.3:2022	Declared value	Nat	***0.63***
	IT Requirements	Determination of slipperiness BCR tortus	DM 236-89	> 0.40	Nat	***DRY: 0.47*** ***WET: 0.63***
	EU requirements	PENDULUM	DIN EN 16165:2021 Annex C	Declared value	Nat	***DRY: 58*** ***WET: 53***

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Test are performed on actual production, first choice material. Values may vary between single individual production run.