

DATASHEET / EN
2015/01 Marble

DATASHEET

CHARACTERISTICS	TEST METHOD	UNITS OF MEASUREMENT	TYPICAL VALUES
REACTION TO FIRE (EURO CLASSES)	EUROCLASSES UNE-EN-ISO 9239-1:2002 and ISO 1716:2002	EUROCLASSES	A2fl s1
THERMAL EXPANSION COEFFICIENT	UNE EN 14617-11:2006 Agglomerated stone test methods. Determination of linear thermal expansion coefficient.	°C-1	14,8 - 26,4x10e - 6
RESISTANCE TO DEFLECTION	UNE EN 14617-2:2005 Agglomerated stone. Determination of flexural strength	MPa	24,3 - 30,1
RESISTANCE TO IMPACT	UNE EN 14617-9:2005 Agglomerated stone test methods. Determination of impact resistance	J	3 - 6
SLIP RESISTANCE	UNE EN 14231:2004 Natural stone test methods. Determination of slip resistance by means of the pendulum tester.	USRV	Polish: 5-6 wet / 44-60 dry Matt: 10 wet / 55 dry Bush hammered: 48 wet/80 dry Silken: 21 wet / 55 dry
WATER ABSORPTION	UNE EN 14617-1:2005 Agglomerated stone test methods. Determination of apparent density and water absorption.	%	0,041 - 0,105
RESISTANCE TO COMPRESSION	UNE EN 14617-15:2005 Agglomerated stone test methods. Determination of the compression resistance.	MPa	130,6 - 137,0
APPARENT DENSITY	UNE EN 14617-1:2005 Agglomerated stone test methods. Determination of apparent density and water absorption.	g/cm ³	2,45 - 2,49
RESISTANCE TO ABRASION	UNE-EN 14617-3:2005 Agglomerated stone test methods. Determination of abrasion resistance	mm	33 - 36
CHEMICAL RESISTANCE	UNE EN 14617-10:2005 Agglomerated stone test methods. Determination of chemical resistance	C1 C4	Acid: C1 (material which keeps below 60% of the reflection reference value after 8 h of acid attack) Alkali: C4 (material keeps at least 80% of the reflection reference value after 8 h of basic attack)
HARDNESS TO SCRATCHING	UNI EN 101 Ceramic tiles. Determination of hardness to surface scratching as per MOHS.	MOHS	3 - 4

The values provided in this technical sheet are indicative and are therefore non-binding. For further information, please contact our technical department.



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