

TECHNICAL CARD / USA
2015/01 Marble

TECHNICAL CARD

PROPERTY	TEST METHOD	UNITS OF MEASUREMENT	TYPICAL VALUES
FIRE REACTION (EUROCLASSES)	EUROCLASSES UNE-EN-ISO 9239-1:2002 and ISO 1716:2002	EUROCLASSES	A2fl s1
LINEAR THERMAL EXPANSION COEFFICIENT	UNE EN 14617-11:2006 Agglomerated stone. Determination of linear thermal expansion coefficient.	°C-1	14,8 - 26,4x10e - 6
FLEXURAL STRENGTH	UNE EN 14617-2:2005 Agglomerated stone. Determination of flexural strength	MPa	24,3 - 30,1
IMPACT RESISTANCE	UNE EN 14617-9:2005 Agglomerated stone Determination of impact resistance	J	3 - 6
SLIP RESISTANCE	UNE EN 14231:2004 Tilles of natural stone for external paving Requirements and test methods.	USRV	Polish: 5-6 wet / 44-60 dry Silken: 21 wet / 55 dry
WATER ABSORPTION	UNE EN 14617-1:2005 Agglomerated stone. Determination of water absorption.	%	0,041 - 0,105
COMPRESSION RESISTANCE	UNE EN 14617-15:2005 Agglomerated stone. Determination of the compression resistance.	MPa	130,6 - 137,0
APPARENT DENSITY	UNE EN 14617-1:2005 Agglomerated stone. Determination of water absorption.	g/cm ³	2,45 - 2,49
ABRASION RESISTANCE	UNE-EN 14617-3:2005 Agglomerated stone. Determination of the abrasion resistance	mm	33 - 36
CHEMICAL RESISTANCE	UNE EN 14617-10:2005 Agglomerated stone. 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)
SURFACE HARDNESS	UNI EN 101 Ceramic tiles. Determination of scratch hardness of surface according to 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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