



# Luxx Newhouse Pte Ltd

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LUXX NEWHOUSE GROUP

Issued as:  
**INFORMATION**

## COMPAC

Characteristic	Testing Method	Units	Typical Values (See below*)					Bio
			1	2	3	4	5	
Fire Reaction (EUROCLASSES)	EUROCLASSES UNE-EN-ISO 9239-1:2002 and ISO 1716:2002	EUROCLASSES	A2fl s1					
Thermal Expansion Coefficient	UNE EN 14617-11:2006. Test method for agglomerated stone. Determination of thermal expansion coefficient.	÷ C-1	31.0 x 10 <sup>-6</sup>	34.0 x 10 <sup>-6</sup>	23.8 x 10 <sup>-6</sup>	38.0 x 10 <sup>-6</sup>	31.0 x 10 <sup>-6</sup>	29.0 x 10 <sup>-6</sup>
Flexural Resistance	UNE EN 14617-2:2005 Agglomerated stone. Test method for agglomerated stone. Determination for flexural resistance.	MPa	40-44	54	33	89	53	64.1-90
Impact Resistance	UNE EN 14617-9:2005 Test method for agglomerated stone. Determination of impact resistance.	J	9-11	12-15	7	>16	>12	>15
Slip Resistance	UNE EN 14231:2004 Test method for natural stone. Determination for slip resistance using friction pendulum	USRV	5 wet 40-50 dry	5 wet 42 dry	7 wet 69 dry	5 wet 42 dry	7 wet 58 dry	7 wet 40 dry
Water Absorption	UNE EN 14617-1:2005 Test method for agglomerated stone. Determination of water absorption and apparent density	%	0.076 - 0.089	0.073 - 0.102	0.144	0.07	0.084	0.07
Compression Resistance	UNE EN 14617-15:2005 Test method for agglomerated stone. Determination of compression resistance	MPa	260	263	275	265	270	229
Apparent Density	UNE EN 14617-1:2005 Test method for agglomerated stone. Determination of water absorption and apparent density	kg/m³	2400	2300	2266	2102	2409	2120 - 2450
Abrasion Resistance	UNE EN 14617-4:2005 Test method for natural stone. Determination of abrasion resistance	mm	25	28.5	27.5	31.0	25.0	27 - 33
Chemical Resistance	UNE EN 14617-10:2005 Test method for agglomerated stone. Determination of chemical resistance	C4	C4 Alkalis: Materials maintaining at least 80% of their resistance reference value after 8 hours. Surface hardness					
Surface Hardness	UNI EN 101 Ceramic tiles. Determination of scratch hardness of surface according to MOHS	MOHS	6 - 7					

**1: LUNA, PLOMO, VENECIA, SNOW, ORANGE, COCO, APPLE, PASSION, FUCSIA.**  
**2: ALASKA, GLACIAR, VANILLE, KENYA, SMOKE GRAY, WARM GRAY, DIM GRAY, COOL GRAY.**

**3: AZABACHE, LACTEA, RUBI, TITANEO.**

**4: ABSOLUTE BLANC.**

**5: CENIZA, MOKA, ARENA, NOCTURNO.**



The values shown on this sheet are typical values only, and therefore not legally binding. For further information, please contact COMPAC's Technical Department.