



ASPEN

— expressive surfaces


NovaBell[®]
Ceramiche Gruppo Bellei





Snow



Snow

APN 80RT

600 x 600mm
23" 5/8 x 23" 5/8



Sand Moon

APN 40RT

600 x 600mm
23" 5/8 x 23" 5/8



Rock Grey

APN 10RT

600 x 600mm
23" 5/8 x 23" 5/8



Basalt

APN 20RT

600 x 600mm
23" 5/8 x 23" 5/8



Snow



Rock grey



Snow




Basalt



Technical features

The International reference standards : ANSI - ASTM **NATURELE**

Characteristics and Test methods 	Requirements ANSI A 137.1	Our general values
Determination of water absorption - (ASTM C 373)	Average value $E_b \leq 0,5 \%$	Average value $\leq 0,06 \%$
Classification	Definition § 3.0	Porcelain tiles
		Physical properties
Breaking strength - (ASTM C 648)	Average ≥ 250 lbf (1.11 kN) Individual ≥ 225 lbf (1.00 kN)	Complies
Visible abrasion - (ASTM C 1027)	As reported	Class 0 - 5
Raccomanded use	Novabell criterion (see Annex N - ISO 13006 / EN 14411)	Class 4
Thermal shock resistance (ASTM C 428)	Pass	Complies
Crazing resistance (ASTM C 424)	Pass	Complies
Resistance to freeze/thaw cycling (ASTM C 1026)	As reported	Resistant
DCOF Resistance (ANSI A 137.1 Section 9.6)	$\geq 0.42^{(1)}$	DCOF ≥ 0.42
Bond strength (ASTM C 482)	≥ 50 psi (0.34 MPa)	> 1 MPa
Color Uniformity (ASTM C 609 and ANSI A 137.1 Section 9.3) ⁽²⁾	V0 – 3 Judds	See the specific section
		Chemical properties
Chemical resistance (ASTM C 650)	As reported	Resistant
Stain resistance (ASTM C 1378)	As reported	Resistant
		Dimensions - Calibrated tiles
Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502)	See ANSI A 137.1 - Tab.10	Complies
		Dimensions - Rectified tiles
Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502)	See ANSI A 137.1 - Tab.10	Complies
Scrath hardnesss of surface according to Mohs'	ex BS 6431-13 / ex EN 101	≥ 5

(1) For level interior spaces expected to be walked upon when wet - (2) For V0 tiles only

