



# ASPEN

— expressive surfaces

  
**NovaBell**<sup>®</sup>  
Ceramiche Gruppo Bellei





## 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



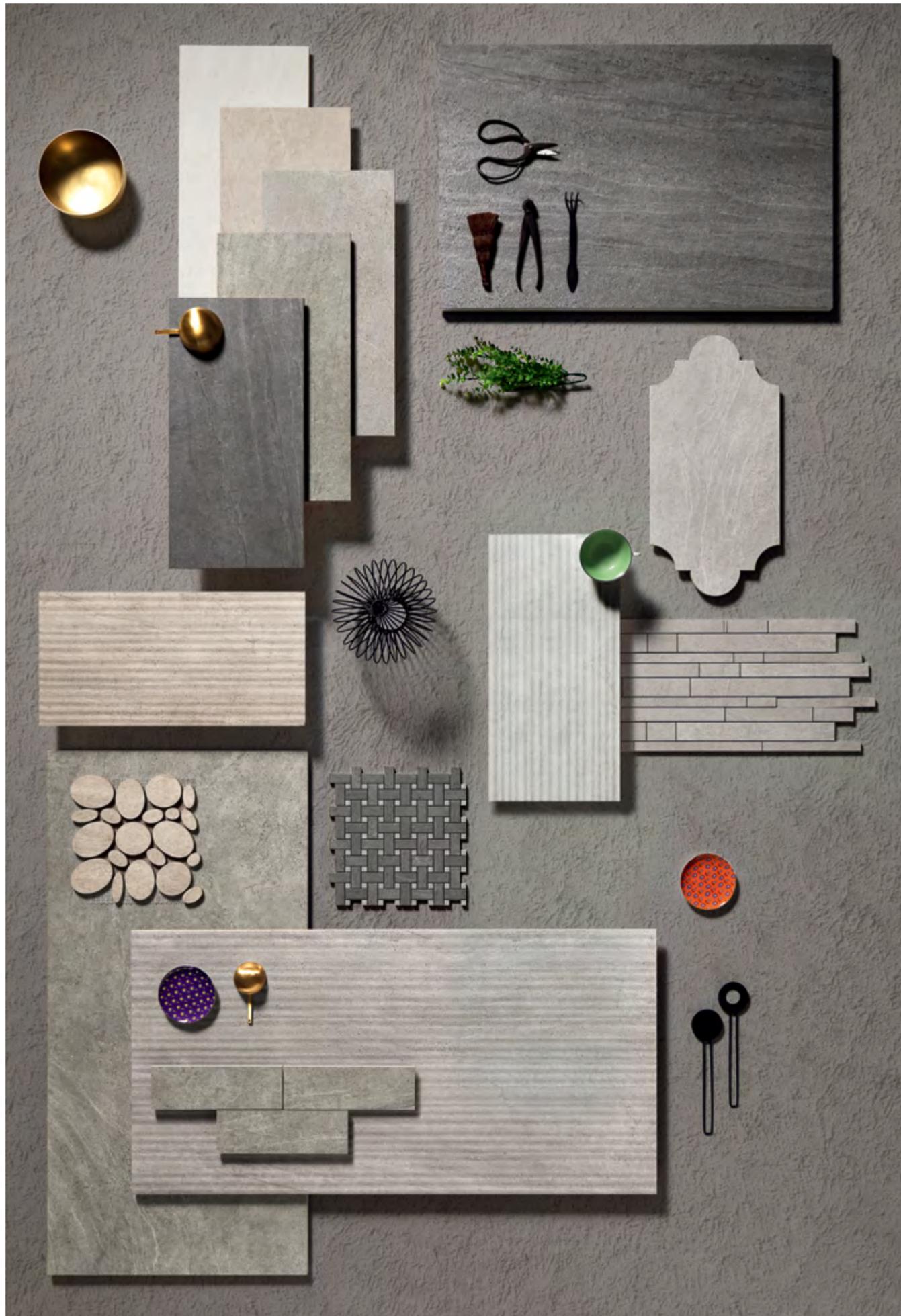
Rock grey



Snow



Basalt



# Technical features

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

Characteristics and Test methods 	Requirements ANSI A 137.1	Our general values
Determination of water absorption - (ASTM C 373)	Average value $E_w \leq 0,5 \%$	Average value $\leq 0,06 \%$
<b>Classification</b>	<b>Definition § 3.0</b>	<b>Porcelain tiles</b>
		<b>Physical properties</b>
Breaking strength - (ASTM C 648)	Average $\geq 250$ lbf (1.11 kN) Individual $\geq 225$ 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
<b>DCOF Resistance</b> (ANSI A 137.1 Section 9.6)	$\geq 0.42$ <sup>(1)</sup>	DCOF $\geq 0.42$
Bond strength (ASTM C 482)	$\geq 50$ psi (0.34 MPa)	$> 1$ MPa
Color Uniformity (ASTM C 609 and ANSI A 137.1 Section 9.3) <sup>(2)</sup>	V0 - 3 Judds	See the specific section
		<b>Chemical properties</b>
Chemical resistance (ASTM C 650)	As reported	Resistant
Stain resistance (ASTM C 1378)	As reported	Resistant
		<b>Dimensions - Calibrated tiles</b>
Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502)	See ANSI A 137.1 - Tab.10	Complies
		<b>Dimensions - Rectified tiles</b>
Dimensions - (ASTM C 499) - (ASTM C 485) - (ASTM C 502)	See ANSI A 137.1 - Tab.10	Complies
Scrath hardenss of surface according to Mohs'	ex BS 6431-13 / ex EN 101	$\geq 5$

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

