





















altro

# Altro Operetta™, Altro Orchestra™, Altro Serenade™

## Technical information

	Fire behaviour tested in acc. with	EN ISO 9239-1	<b>Altro Operetta</b> $\geq 8$ kW/m <sup>2</sup> <b>Altro Orchestra</b> $\geq 4.5$ kW/m <sup>2</sup> <b>Altro Serenade</b> $\geq 4.5$ kW/m <sup>2</sup>
	Classified in acc. with	EN ISO 11925-2 EN 13501-1	Pass <b>Altro Operetta</b> B <sub>f</sub> -s1 <b>Altro Orchestra</b> C <sub>f</sub> -s1 <b>Altro Serenade</b> C <sub>f</sub> -s1
	Slip resistance	EN 13893 EN 16165 Annex B / ASR A1.5	$\geq 0.30$ / DS R10 For enhanced safety, see our ranges that offer sustained slip resistance for life.
	Sound insulation	EN ISO 10140	<b>Altro Operetta</b> ca. 4 dB <b>Altro Orchestra</b> ca. 15 dB <b>Altro Serenade</b> ca. 19 dB
	Flooring type	EN ISO 10582 - <b>Altro Operetta</b> EN 651 - <b>Altro Orchestra / Altro Serenade</b>	Heterogeneous floor
	Thickness	EN ISO 24346	<b>Altro Operetta</b> 2.0 mm <b>Altro Orchestra</b> 2.85 mm <b>Altro Serenade</b> 3.9 mm
	Wear layer thickness	EN ISO 24340	0.7 mm
	Roll dimensions	EN ISO 24341	2 m x 20 m = 40 m <sup>2</sup>
	Weight	EN ISO 23997	<b>Altro Operetta</b> 2.66 kg/m <sup>2</sup> <b>Altro Orchestra</b> 2.60 kg/m <sup>2</sup> <b>Altro Serenade</b> 2.90 kg/m <sup>2</sup>
	Residual indentation	EN ISO 24343-1	<b>Altro Operetta</b> $\leq 0.10$ mm <b>Altro Orchestra</b> $\leq 0.20$ mm <b>Altro Serenade</b> $\leq 0.20$ mm
	Classification for use	EN ISO 10874	<b>Altro Operetta</b> 34, 43 <b>Altro Orchestra</b> 34, 42 <b>Altro Serenade</b> 34, 42
	Flexibility	EN ISO 24344	Pass
	Dimensional Stability	EN ISO 23999	$\leq 0.4$ %
	Light fastness	EN ISO 105-BO2	$\geq 6$
	Castor chair abrasion	ISO 4918	Yes, type W
	Wear resistance	EN 660-2	Group T
	Chemical resistance	EN ISO 26987	Good
	Underfloor heating	EN 12524	Suitable
	Electrical behaviours	EN 1815	$\leq 2$ kV, antistatic
	VOC emissions	CDPH 1350 / Floorscore Indoor Air Comfort Gold	Approved Approved



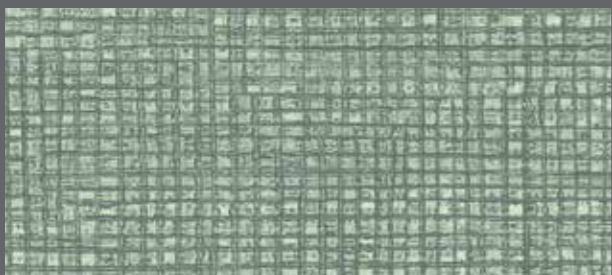
Altro Limited a company certified by SGS to ISO 9001 and ISO 14001.



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



## Altro Orchestra™



Guitar | CH2828U



## Typical applications

### Altro Operetta™ (4dB)

- Communal areas
- Receptions
- Corridors, stairs
- Dining, bars
- Wards, waiting, treatment areas
- Resident rooms
- Classrooms
- Shops



### Altro Orchestra™ (15dB)

- Communal areas
- Receptions
- Corridors, stairs
- Dining, bars
- Wards, waiting, treatment areas
- Resident rooms
- Classrooms
- Shops



### Altro Serenade™ (19dB)

- Resident rooms
- Bedrooms
- Play areas
- Classrooms
- Lecture theatres
- Libraries
- Hotels





## Altro Whiterock™ wall designs



Antique Copper | 9912

## Altro Orchestra™ Custom



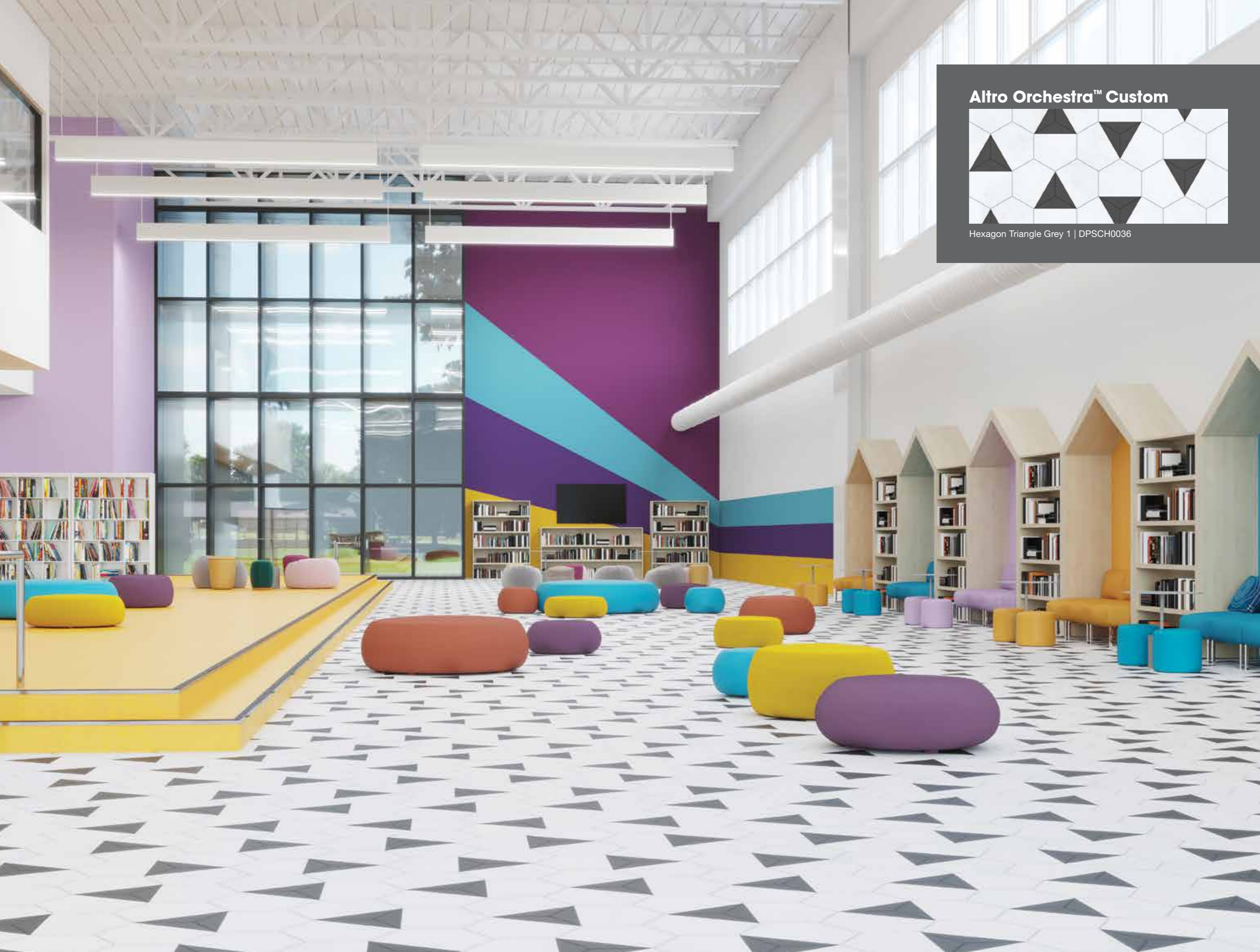
Grass 1 | DPSCH0059

## Altro Orchestra™



Maraca | CH2855U





**Altro Orchestra™ Custom**



Hexagon Triangle Grey 1 | DPSC0036

Altro Orchestra™

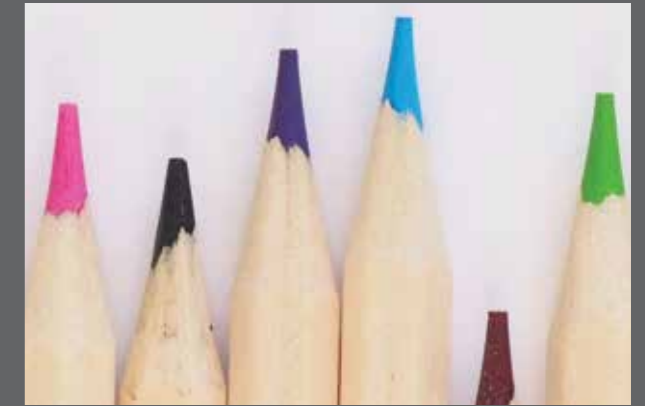


Serpent | CH2850U

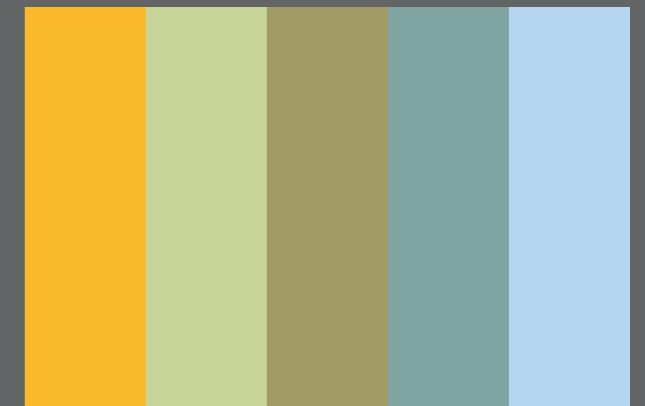




### Altro Whiterock Digiclad™

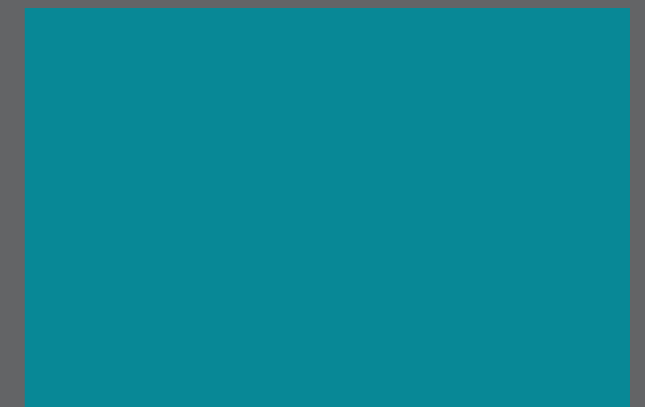


### Altro Whiterock Satins™



Glow | 215, Orchard | 223, Olea | 218, Promenade | 212, Clarity | 207

### Altro Fortis Titanium™



Kingfisher | FT213

### Altro Operetta™

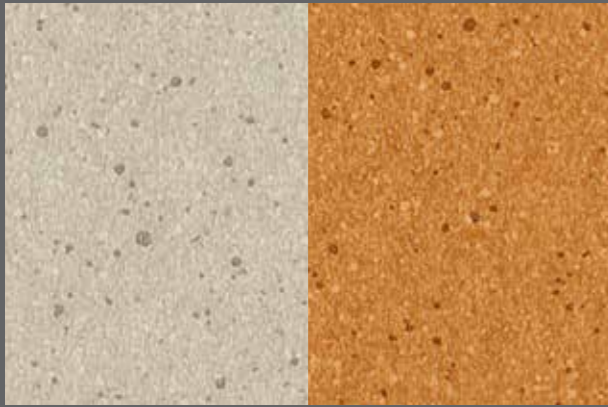


Madrigal | OP2134U

**Altro Whiterock Digiclad™**



**Altro Orchestra™**



Chimes | CH2836U

Bongo | CH2840U





### Altro Whiterock Digiclad™



### Altro Whiterock™ wall designs



Warm Woodgrain | 9904

### Altro Ensemble™



Drift Oak | M023W125L1000  
Natural Striking Oak | M032W125L1000  
Flamed Cherry | M019W125L1000  
Cabin Oak | M020W125L1000

### Altro Orchestra™ Custom



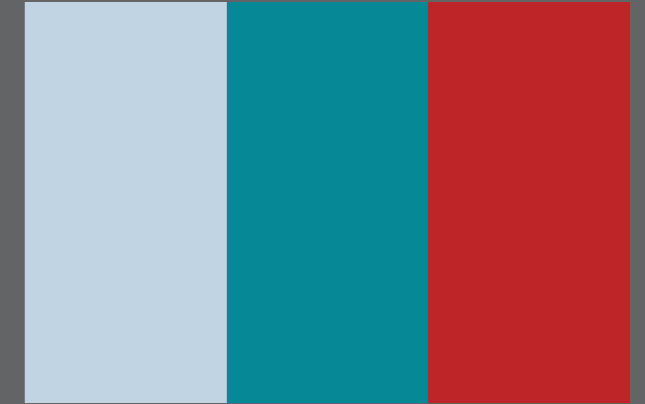
Grass 1 | DPSCH0059







### Altro Fortis Titanium™



Riviera | FT207, Kingfisher | FT213, Cardinal | FT221

### Altro Operetta™



Vivo | OP2162U

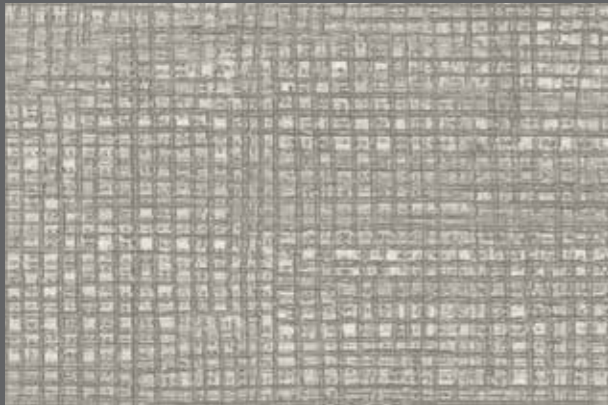


**Altro Whiterock Chameleon™**

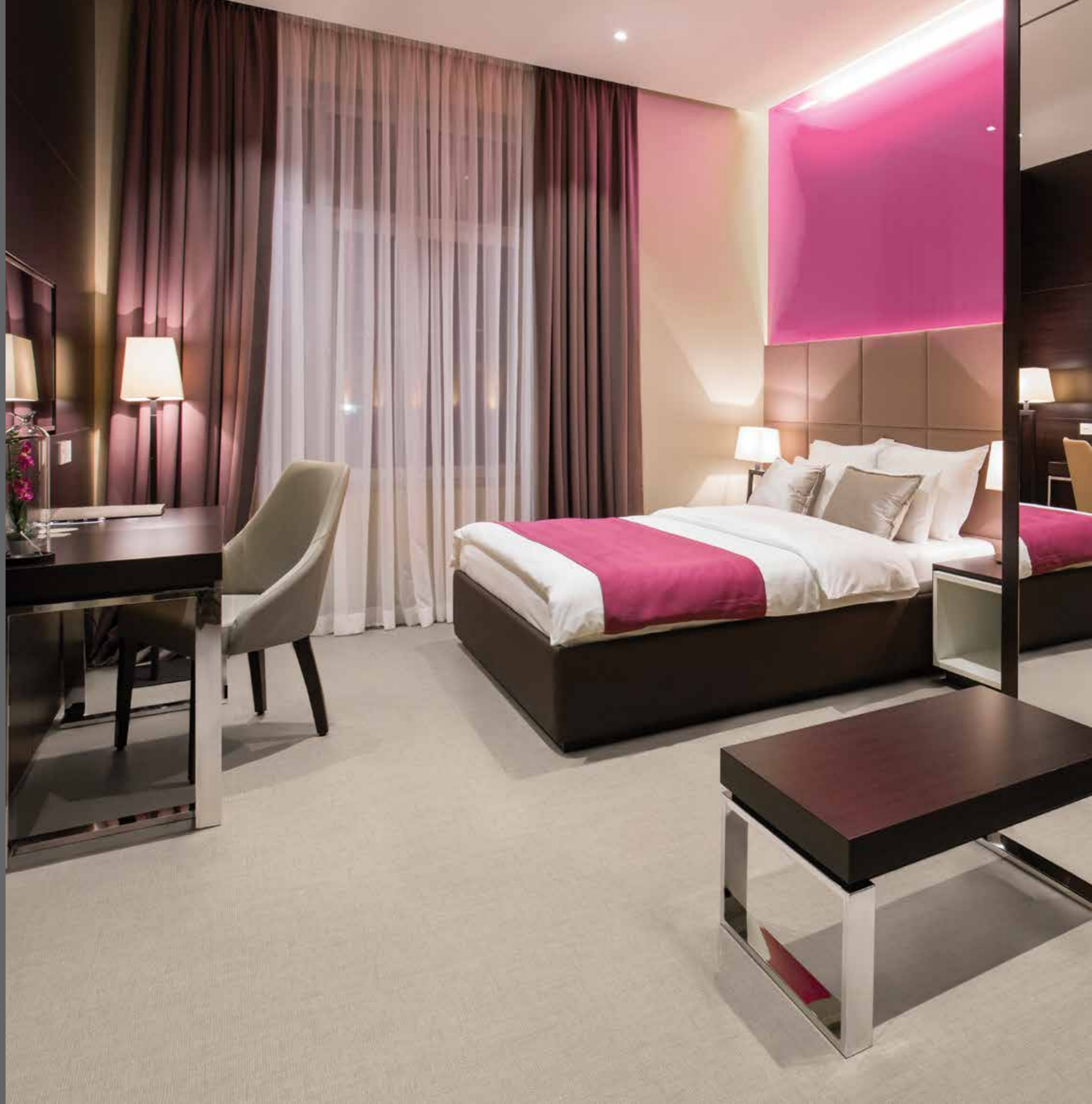


Shocking Pink | 6616V

**Altro Serenade™**



March | SE3925U





**Altro Orchestra™**

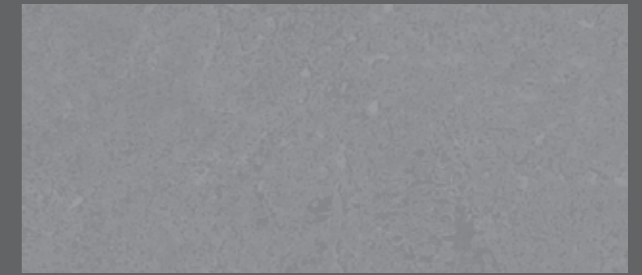


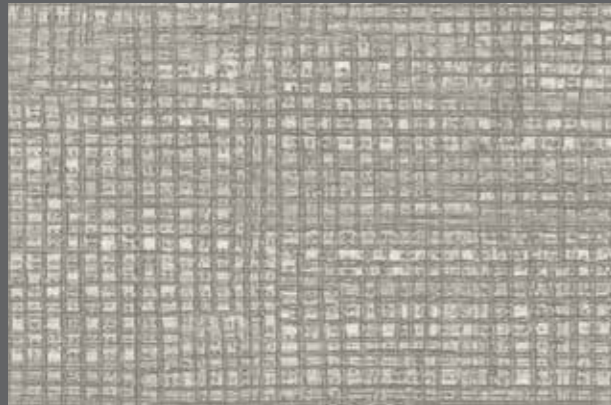
Chart | CH2814U

# Altro Fortis Titanium™



Oxford | FT211

# Altro Operetta™



Clef | OP2125U

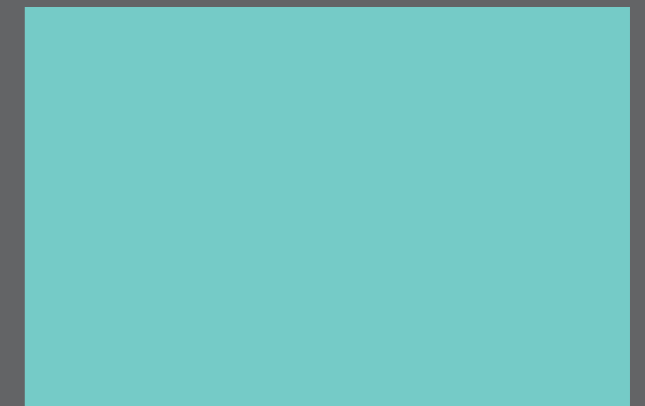




**Altro Whiterock Digiclad™**



**Altro Whiterock Chameleon™**



Sheer Glass | 6609V

**Altro Fortis Titanium™**



Battleship | FT208

**Altro Operetta™**



Beat | OP2155U





## Altro Whiterock™ wall designs



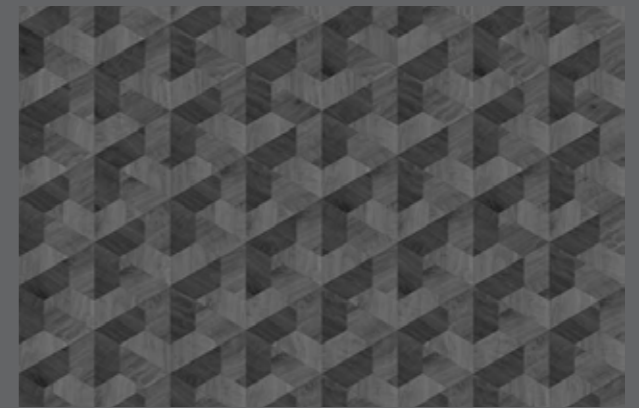
Rich Woodgrain | 9902

## Altro Ensemble™



Natural Striking Oak | M032W125L1000

## Altro Orchestra™ Custom



Interlocked Cube Black 1 | DPSCH0024



Altro Orchestra™



Bassoon | CH2831U



*Imagination is more important than knowledge.  
Knowledge is limited.  
Imagination encircles the world.*





**Altro Whiterock Digiclad™**



**Altro Fortis Titanium™**



Tan | FT206

**Altro Orchestra™**



Brass | CH2842U





Altro Whiterock Digiclad™

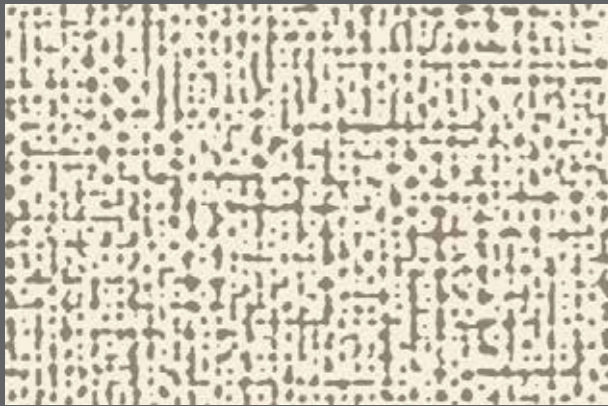


Altro Fortis Titanium™



Mustard | FT222

Altro Orchestra™



Macavity | CH2867U





### Altro Whiterock Satins™



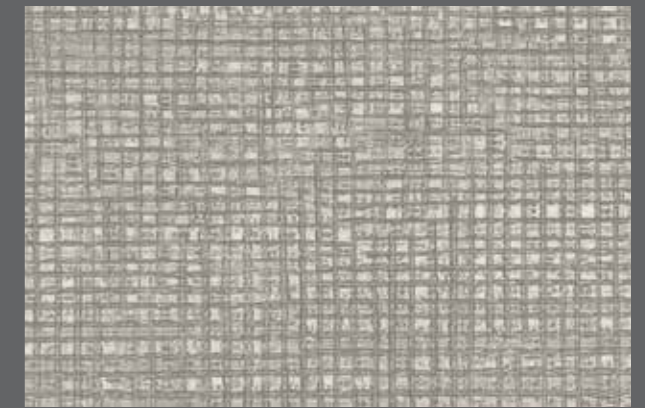
Glow | 215

### Altro Fortis Titanium™



Cardinal | FT221

### Altro Orchestra™



Trumpet | CH2825U



**Altro Whiterock Digiclad™**

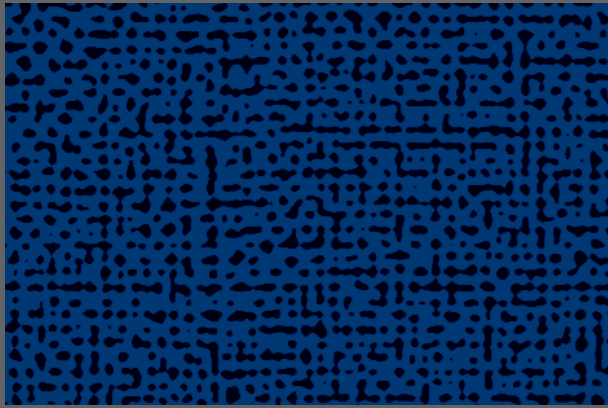


**Altro Fortis Titanium™**



Denim | FT201

**Altro Orchestra™**



Kora | CH2871U





**Altro Whiterock Digiclad™**



**Altro Whiterock™ wall designs**



Antique Copper | 9912

**Altro Orchestra™**



Porter | CH2854U



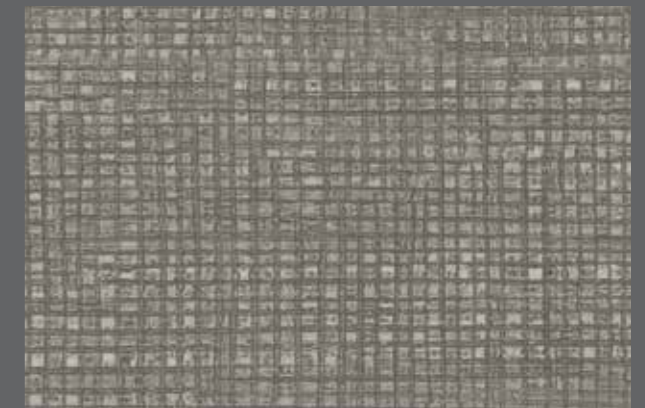


## Altro Whiterock™ wall designs



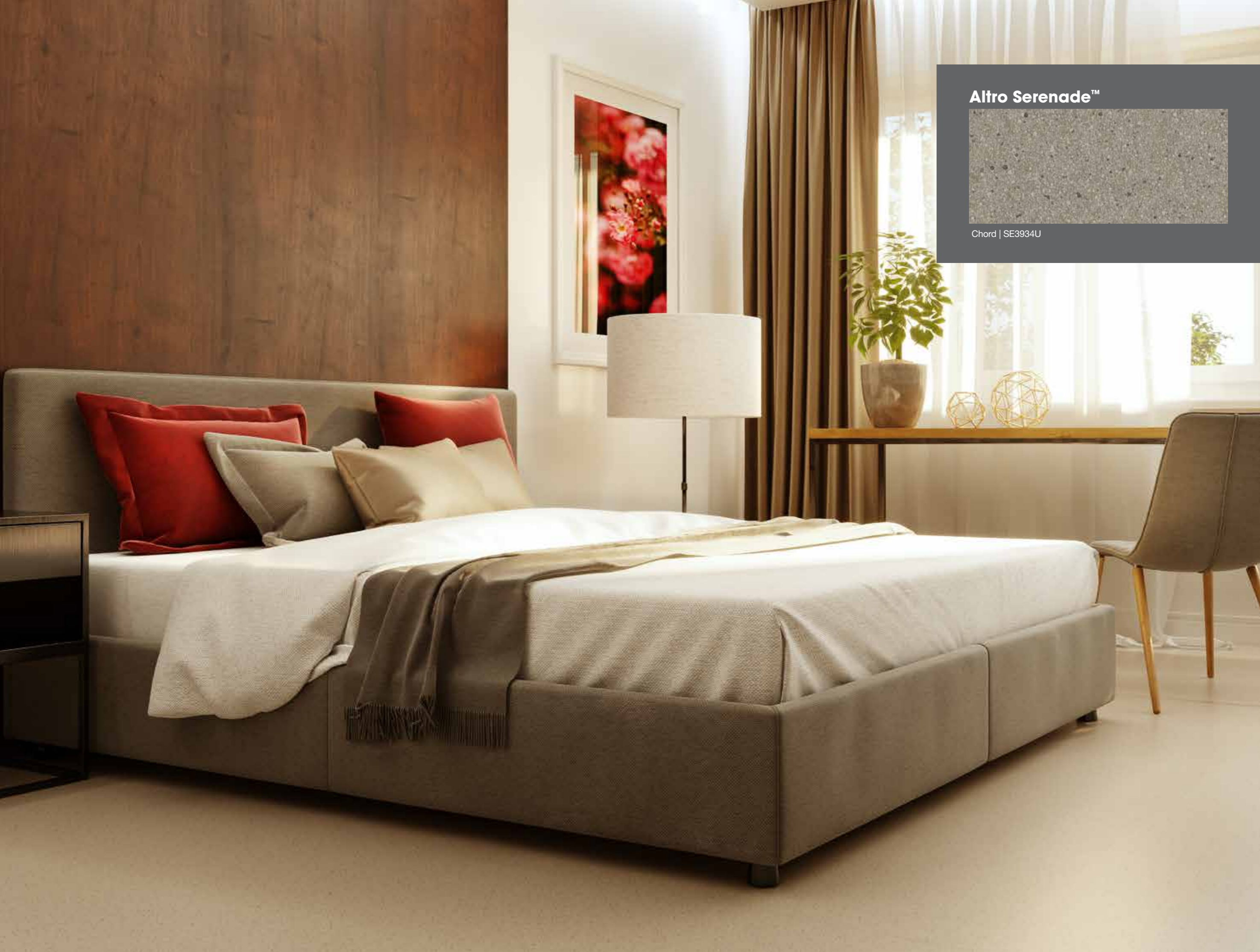
Warm Woodgrain | 9904

## Altro Serenade™



Opus | SE3927U





**Altro Serenade™**



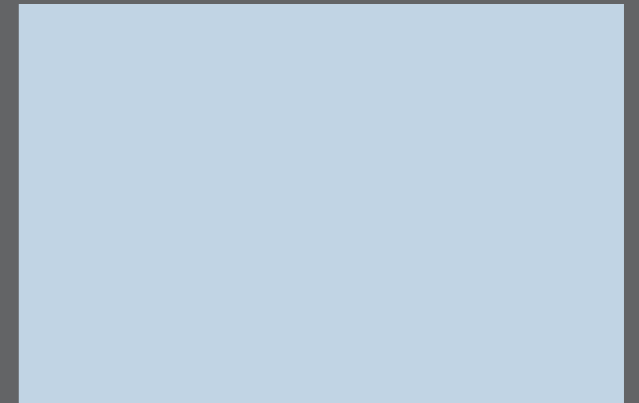
Chord | SE3934U



**Altro Whiterock Digiclad™**



**Altro Fortis Titanium™**



Riviera | FT207

**Altro Operetta™**



Cabasa | OP2161U

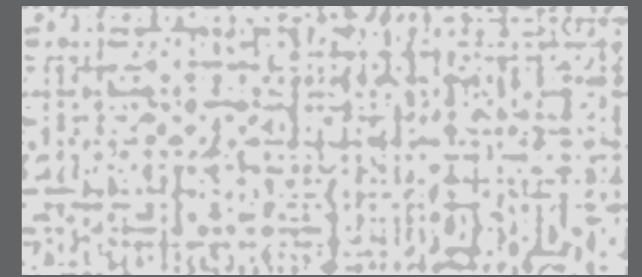
**Altro Orchestra™ Custom**



Sand 1 | DPSCH0052



Altro Operetta™



Tutti | OP2157U







## Altro Whiterock™ wall designs



Rich Woodgrain | 9902

## Altro Orchestra™



Oboe | CH2835U

Chimes | CH2836U



