



Designed for possibilities.
Made for people.

Altro Puresentials product datasheet

PVC-free commercial wall cladding

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Altro Puresentials

Introducing Altro Puresentials - the innovative wall cladding system that meets your commercial durability, cleanability, and hygiene needs yet is a game-changer in terms of sustainability. It is the ideal solution for areas that require PVC-free wall cladding options.

Crafted from thermoplastic polyester (PETG), Altro Puresentials is an eco-friendly choice that contains no halogens or BPA and emits low levels of volatile organic compounds (VOCs) - meeting UL safety certification requirements.

Altro Puresentials has a smooth, matte surface that emulates the appearance of paint. Alternatively, you can choose to install the reverse side of the panels for a high-sheen, polished aesthetic. Whichever finish you select, you can be sure that Altro Puresentials will create a durable and long-lasting surface that's easy to clean and maintain while protecting against scuffs, stains, and fungal growth.

Altro Puresentials panels are joined using a traditional heat-welding technique, similar to Altro Whiterock, or with a manufacturer approved glue stick for instant bonding. Furthermore, Altro Puresentials is thermoformable, allowing for easy customization and fitting on-site.

This product is commonly used in critical hygiene and healthcare areas that demand PVC-free wall cladding solutions to meet appropriate building codes. However, if you don't require a PVC-free product, Altro recommends our tried and true, industry favorite, Altro Whiterock.

Typical applications

Critical hygiene and healthcare areas, operating rooms, central sterile, laboratories, cleanrooms, medical device rooms, pharmacies, any application that requires a PVC-free wall panel

Features + benefits

- PVC-free, PETG construction
- Halogen-free
- BPA-free
- Low VOC, meets CA 01350
- Meets UL safety certification requirements
- Easy-to-clean
- Resists stains, chemicals and fungi
- Thermoformable on-site
- Joins with heat-welding or instant glue stick methods
- Double sided product* - choose matte or high sheen

Better together

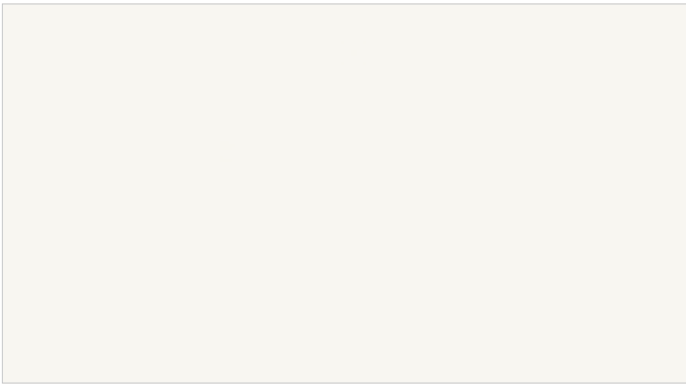
Altro wall cladding coordinates exceptionally well with our safety, slip-resistant and smooth flooring ranges, allowing an extensive suite of creative options all under the Altro name.



**While this product is double-sided, only the matte surface is protected with removable cling film. Please keep this in mind if you plan to install the high-sheen, polished side up.*



Color shown: Chiffon



Modal

2.5m W110/**8341**
3.0m W111/**8341**

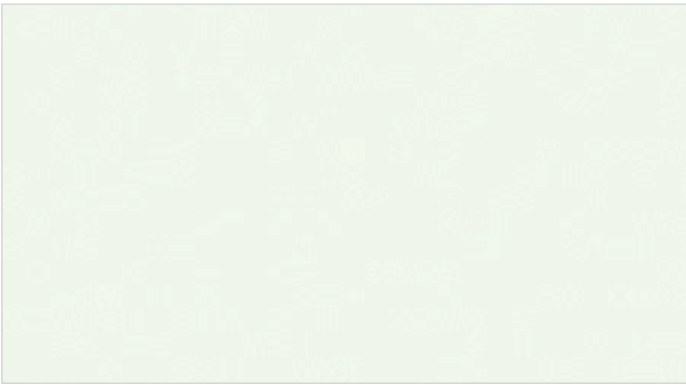
LRV 83
WSR41
A805/41



Chenille

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3.0m W111/**8432**

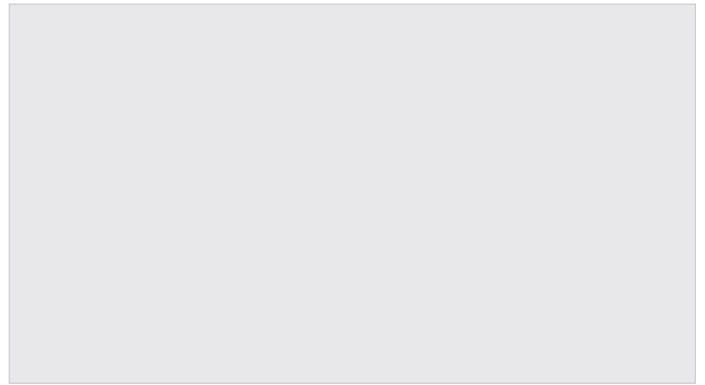
LRV 70
WSR32
A805/32



Organza

2.5m W110/**8643**
3.0m W111/**8643**

LRV 81
WSR43
A805/43



Chiffon

2.5m W110/**8253**
3.0m W111/**8253**

LRV 71
WSR53
A805/53



Twill

2.5m W110/**85206**
3.0m W111/**85206**

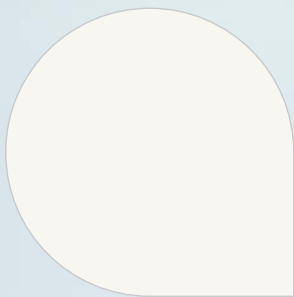
LRV 41
WSR206
A805/206





Color matched weldrod (WSR), sanitary sealant (A805) and glue sticks are available. Please inquire for manufacturer approved glue stick joining method.




Color shown: Modal



Color shown: Modal


Thickness	2mm .08"		
Dimensions	4' x 8' 1.22m x 2.44m 4' x 10' 1.22m x 3.05m		
Weight	8' panel 16.605lbs / 7.5 kg 10' panel 20.757lbs / 9.4 kg		
Warranty		10 years	
Life expectancy		15 years	
Impact resistance		ASTM D256 Izod Notched Impact	Tested
Impact resistance		ASTM D5420 Gardner Impact	Tested
Fire and smoke performance		CAN/ULC-S102.2 ASTM E84-08	Tested Class B
Tensile strength	ASTM D638		7000psi
Flexural strength	ASTM D790		10,500psi
Flexural modulus	ASTM D790		320,000psi
Rockwell hardness	ASTM D784		95
Heat deflection temperature	ASTM D648		160° F 71.1° C
Fungi resistance		ASTM G21	Passes (No growth)
Stain resistance	ASTM D1308		Tested
Specific gravity	ASTM G21		1.27
Emissions		CA 01350	Passes
UL	Meets UL 94 HB, UL 94 v-0, and UL 94 5VB Requirements		
Composition	PETG (Co-Polyester SCS Certified) with a matte side and a high-sheen polished side.		

LEED facts 

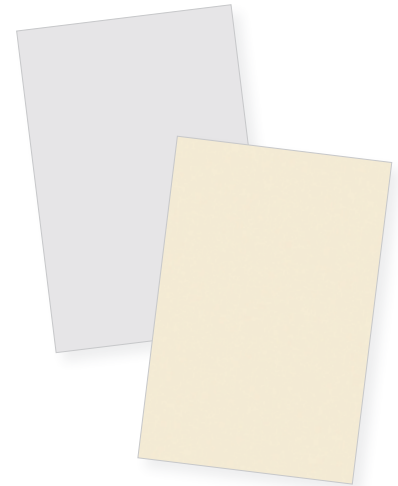
LEED v4 This product may help contribute to the following credits

Altro Puresentials™ **2**

 Environmental quality
Low emitting materials, walls **1**

 Environmental quality
Low emitting materials, adhesives **1**

Discover more of our sustainability story and credentials at altro.com



Order samples 24 hours a day at altro.com and materialbank.com

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