

altro

Designed for possibilities.  
Made for people.



# Altro Puraguard™ product datasheet + brochure

Transforming spaces in the global specialty vehicle industry

[discover altro.com/puraguard](https://discover.altro.com/puraguard)



# A complete wall panel system

## System and accessories

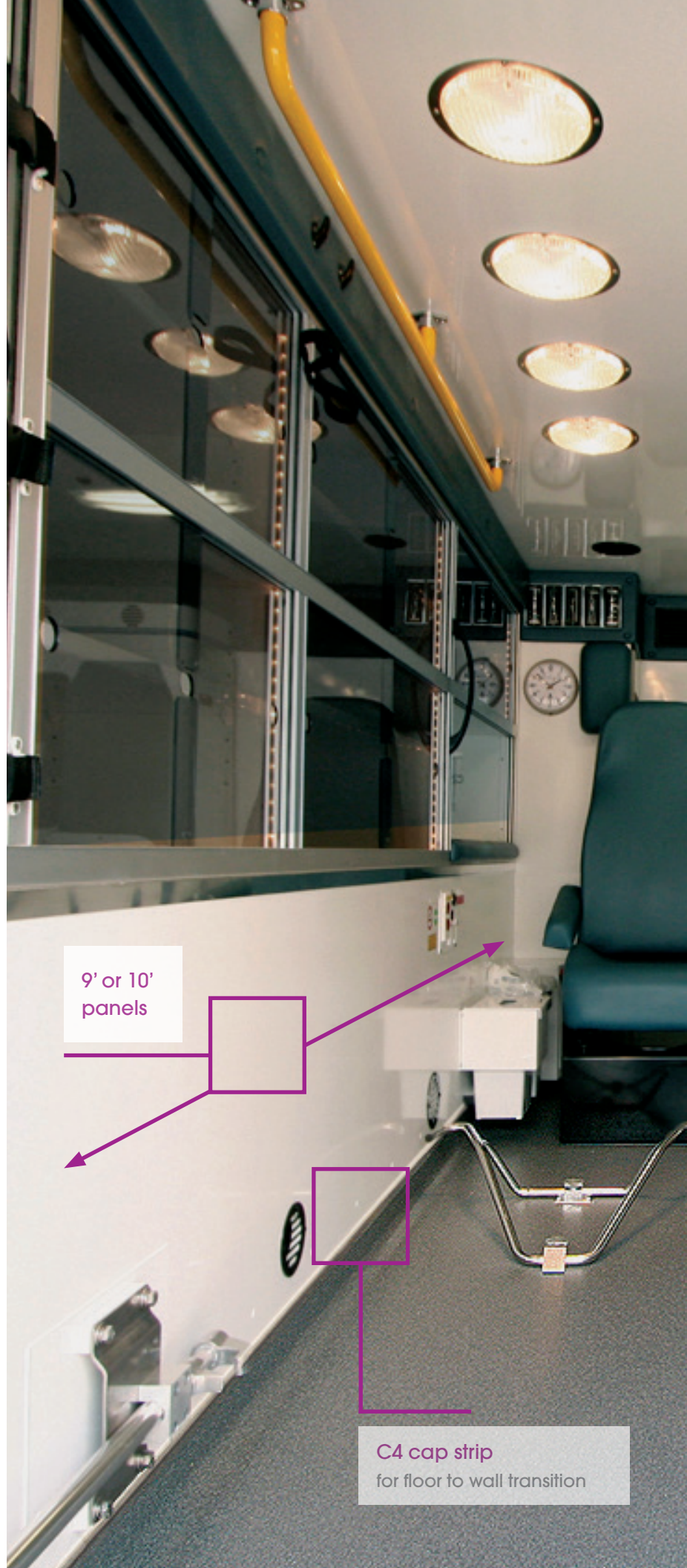
Altro Puraguard wall panels are smooth, durable, naturally hygienic, easily cleaned, and easy to install. Available in 4'x9' and 4'x10' panel sizes, Altro Puraguard includes a variety of connectors and corner accessories that provide efficient and user-friendly installation.

Our installation method is quick and easy to do. This greatly minimizes installation time and makes Altro Puraguard the first choice in wall protection for emergency vehicles!

These PVC panels can be cut by many different means and are easily configured to accommodate obstacles such as switches, outlets and components.

## Adhesives and sealants

When our installation techniques are followed, our adhesives and sealants will perform in both dry and wet environments, making Altro Puraguard adaptable in nearly any setting. Adding sanitary sealant to the installation ensures that Altro Puraguard remains moisture-free beneath the surface, and avoids warping or bubbling commonly experienced with inferior wall paneling.





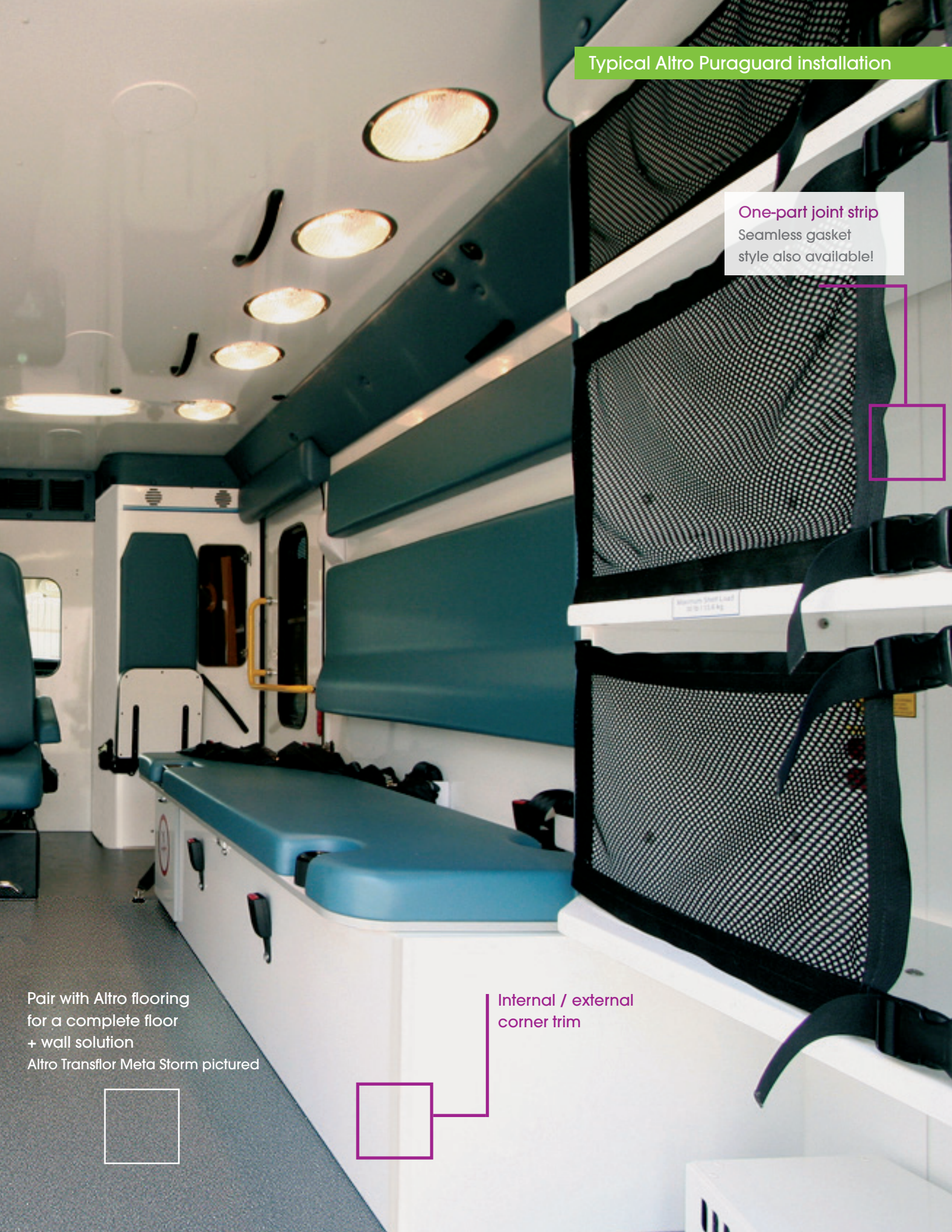
## Typical Altro Puraguard installation

### One-part joint strip

Seamless gasket style also available!

Pair with Altro flooring  
for a complete floor  
+ wall solution  
Altro Transflor Meta Storm pictured

Internal / external  
corner trim



# Altro Puraguard

## The first choice in wall protection for emergency vehicles

Altro Puraguard is an established and economically priced wall protection product for any emergency vehicle application. These smooth, low maintenance PVC panels promote durability and hygiene in any emergency vehicle.

Altro Puraguard offers improved performance over traditional FRP panels at a more affordable price. Its homogeneous construction camouflages superficial scratches, keeping your walls attractive long after their installation.

### Features + benefits

- ✓ High stain and chemical resistance
- ✓ Durable system accessories
- ✓ Fully bonded to substrate
- ✓ No glass fibers - for continued safety of air quality
- ✓ Impervious to water ingress
- ✓ Withstands robust cleaning procedures including pressure washing
- ✓ Resists mold and fungi growth
- ✓ Non-porous, hydrophobic
- ✓ Non-shedding
- ✓ Low VOCs
- ✓ Lead-free
- ✓ Class A fire rated

### Technical data

Thickness	2mm   .08"		
Dimensions	4' x 9' and 4' x 10'		
Weight	9' panel - 21.05 lbs, 10' panel - 23.4 lbs		
Warranty		1 year	
Impact resistance		ASTM D5420 Gardner Impact	Exceeds 64 inch pounds
Fire and smoke performance		CAN/ULC - S102.2 ASTM E84-08	Tested Class A
Horizontal burn rate	FMVCS/ CAMVSS 302	Pass	
VOC emissions		Pass	
Mold resistance		ASTM D3273	Excellent - Score of 10
Fungi resistance		ASTM G21	Passes rating 0* *achieves zero growth after 21 days
UV exposure	ASTM G154	Tested	
Composition	Extruded PVCu		



# Altro Puraguard vs FRP

Altro Puraguard consistently outperforms FRP in many categories which has led this product to become a superior option for FRP contractors.

## Here's why!

- ✓ Consistent 2.0mm thickness hides wall issues
- ✓ 2x more impact-resistant than most FRP
- ✓ Will not crack/fracture - no hazardous fibers
- ✓ Does not bubble with temperature fluctuations when installed per our guidelines
- ✓ Superior, smooth aesthetic
- ✓ Consistent coloring, will not yellow over time



## Common stain + chemical resistance

Chemical	Concentration	Time	Resistant
Bleach			✓
Butane		20	✓
Chlorine water	Saturated	40	✓
Chlorine water	12° 5	40	✓
Chlorine water	48%	40	✓
Citric acid	Up to 20%	40	✓
Citric acid	Saturated	40	✓
City gas		20	✓
Glucose	Saturated	40	✓
Glycerine	All concentrations	40	✓
Hydrogen peroxide	Up to 20%	40	✓
Hydrogen peroxide	Up to 30%	40	✓
Kerosene / petroleum		40	✓
Oils and greases		40	✓
Seawater		40	✓
Soap solution	Fully concentrated	40	✓



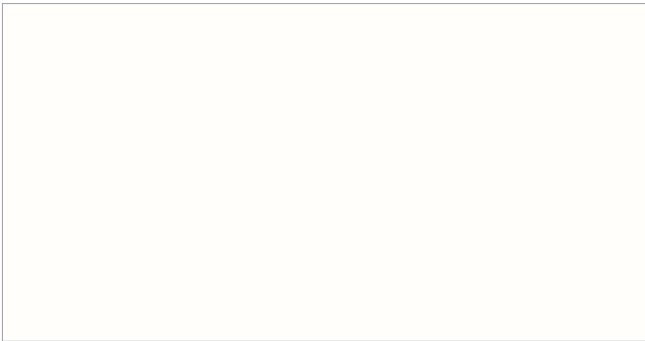
For more information on installation please see our Altro Puraguard installation guide or ask a technical representative.



Simple cleaning information is also available as a separate document for end-users



Color availability and system accessories



**Salt**  
4' x 9' panel                      W139  
4' x 10' panel                    W135

LRV 89



**Sea Salt**  
4' x 9' panel                      W140  
4' x 10' panel                    W141

LRV 89



**Barley**  
4' x 9' panel                      W140 / 300  
4' x 10' panel                    W141 / 300

LRV 55

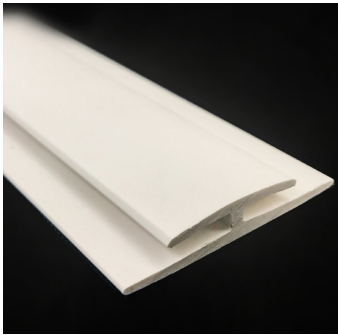


**Pepper**  
4' x 9' panel                      W140 / 301  
4' x 10' panel                    W141 / 301

LRV 36

Did you know?

Altro Transport is proud to offer durable, safe, naturally hygienic, and lightweight transport floors which are ideally suited for Type I and III ambulances, command vehicles, and similar vehicles. Without compromising on safety, hygiene, durability, or cleanability, the lightweight construction of our floors also allows for greater fuel economy.      [altro.com/transport](http://altro.com/transport)



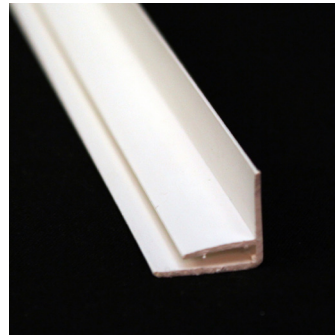
**One-part Joint Strip 10'**

Salt	G731 / 30
Barley	G731 / 300
Pepper	G731 / 301



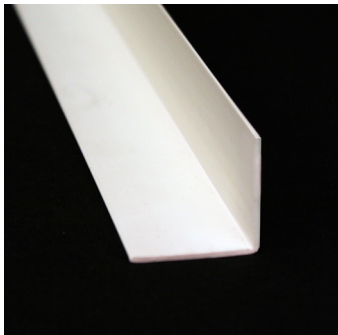
**Start + Edge Trim 10'**

Salt	G733 / 30
Barley	G733 / 30 / 300
Pepper	G733 / 30 / 301



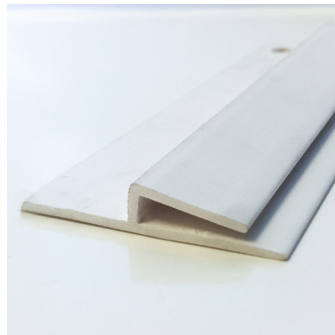
**Internal / External Corner 10'**

Salt	A826 / 30
Barley	A826 / 30 / 300
Pepper	A826 / 30 / 301



**External cover 10'**

Salt	A839 / 30
Barley	A839 / 30 / 300
Pepper	A839 / 30 / 301



**C4 Cap strip 8'2"**

White	ASF C4 CAP
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**Altro W157 acrylic adhesive**

W157 Covers 4 panels  
For porous, even substrates



**Altro W39 2-Part Adhesive**

W39 Covers 1 panel  
For wet, non-porous substrate



**Altro W147 Spray**

W147 Covers 2 panels  
For approved substrates



**Sanitary Sealant**

White	A802
Clear	A803



**Stainless steel corner protector**

A861/12	2"x2"x4'
A861/13	2"x2"x8'



**PVC Cleaner**

A859/325



**AltroClean 44**

44cleaner



**Anti-static solution  
in spray bottle**

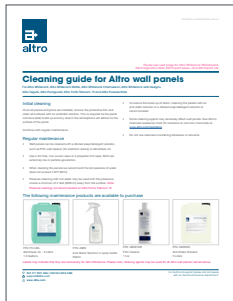
A809



**Anti-static solution refill**

A809/05

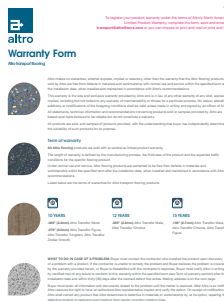
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Puraguard cleaning  
guide



Transflor emergency  
vehicle flooring



Warranties

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