

# SunBar Aerobloc Overview

Oxygen Barrier Coatings

2017

**SunChemical®**

a member of the DIC group



Color & Comfort

working for you.

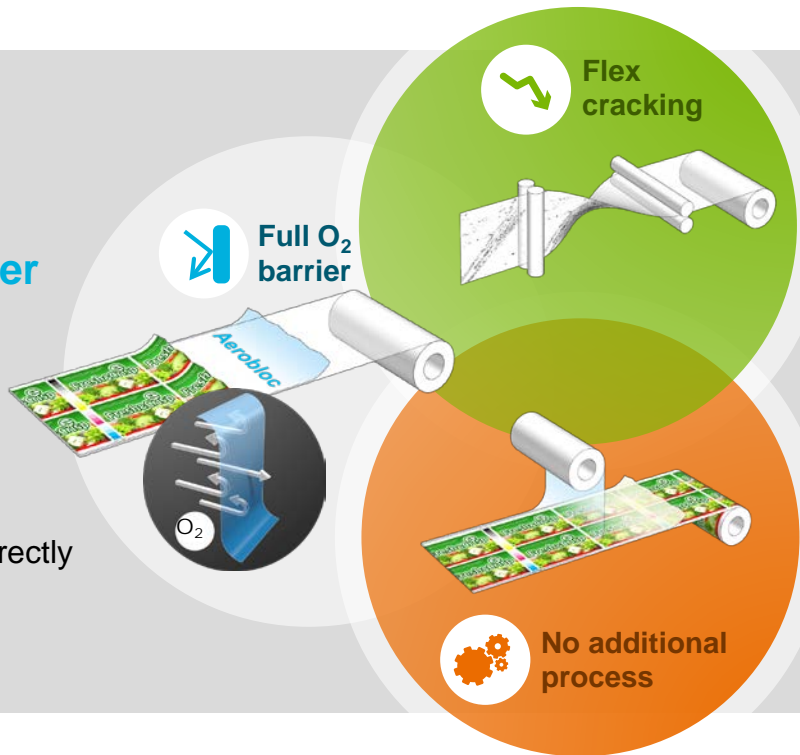
# Three types of products

## Full Oxygen Barrier Coatings

Transform standard film substrate into an **oxygen barrier** film



Also available directly as a barrier film



## Enhancement Coatings for AlOx film barrier

Improve oxygen barrier and limit flex cracking impact.

## Barrier adhesive for vacuum metallized substrate

No additional process step as the barrier adhesive is just replacing the standard adhesive

## Three types of format

### Coatings

Apply with standard flexo or gravure unit in laminator or printing press

**SunBar  
Aerobloc**

**Ox  
Bloc**

**NEW!**

### Film

Use as any other film and laminate. Available through our partner acpo,ltd.

### Adhesive

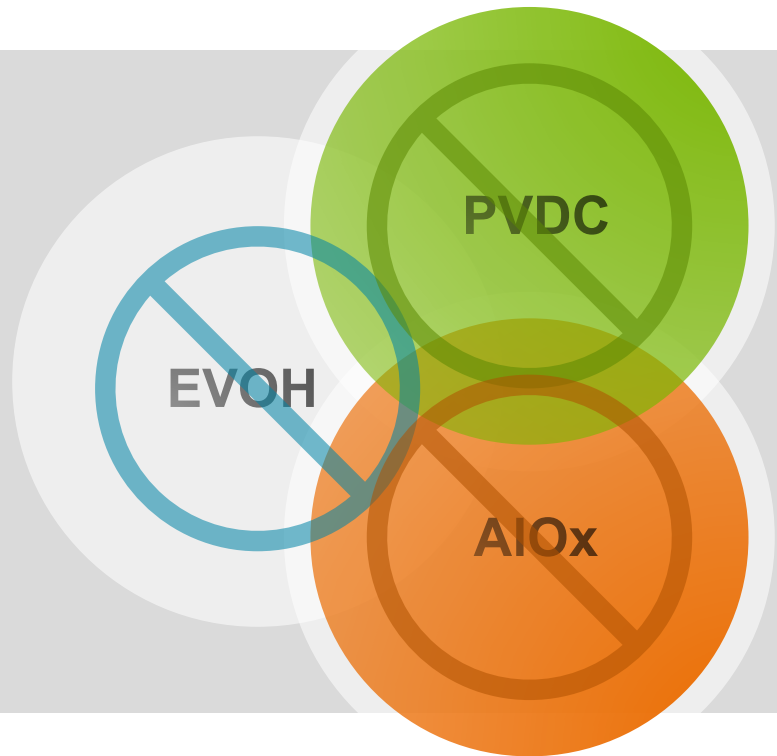
Apply as solvent based lamination adhesive

**Paslim VM**

## Three types of benefits

### Recyclable

Can be used in mono-material or mono-web structures and does not impact recycling like EVOH PE coextruded material



### Chlorine Free

Does not contain chlorine based chemical as PVDC

### Transparent & Durable

Alternative to AlOx coated film which are flex cracking sensitive

## Three types of application

### Replacing

Cost competitive oxygen barrier solutions for 2ply structures



Full barrier coatings or film

Enhancement Coatings



### Improving

Protective barrier solutions for AlOx PET and others

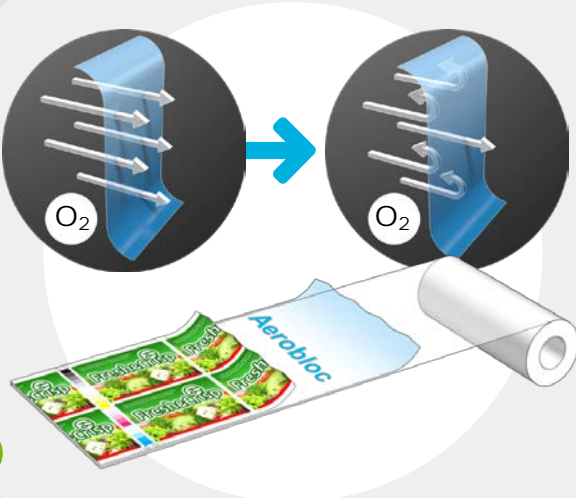
### Light weighting

Barrier adhesive for metalized sealant web for removal of mid metalized web and full barrier solutions from 2ply to mono-web



Enhancement Adhesive or full barrier

# SunBar Aerobloc Full Barrier Coatings



Multi-parts water/alcohol system ✓

Chlorine free ✓

Flexographic and gravure application ✓

Corona treated film ✓

Coating should be applied first down between 3 to 6gsm wet depending of versions ✓

Low solid content around 7% ✓

Over-printable with inks ✓

✓ Hazy in mono-web but transparent when laminated or with overprint varnish

✓ Compatible with standard solvent based or solvent free lamination

✓ Not for Direct Food Contact

✓ Not for pasteurisation nor for retort

✓ Not for thermoforming

✓ Only WR PET compatible with water based inks

✓ Once mixed shelf life is between 6-12 hrs