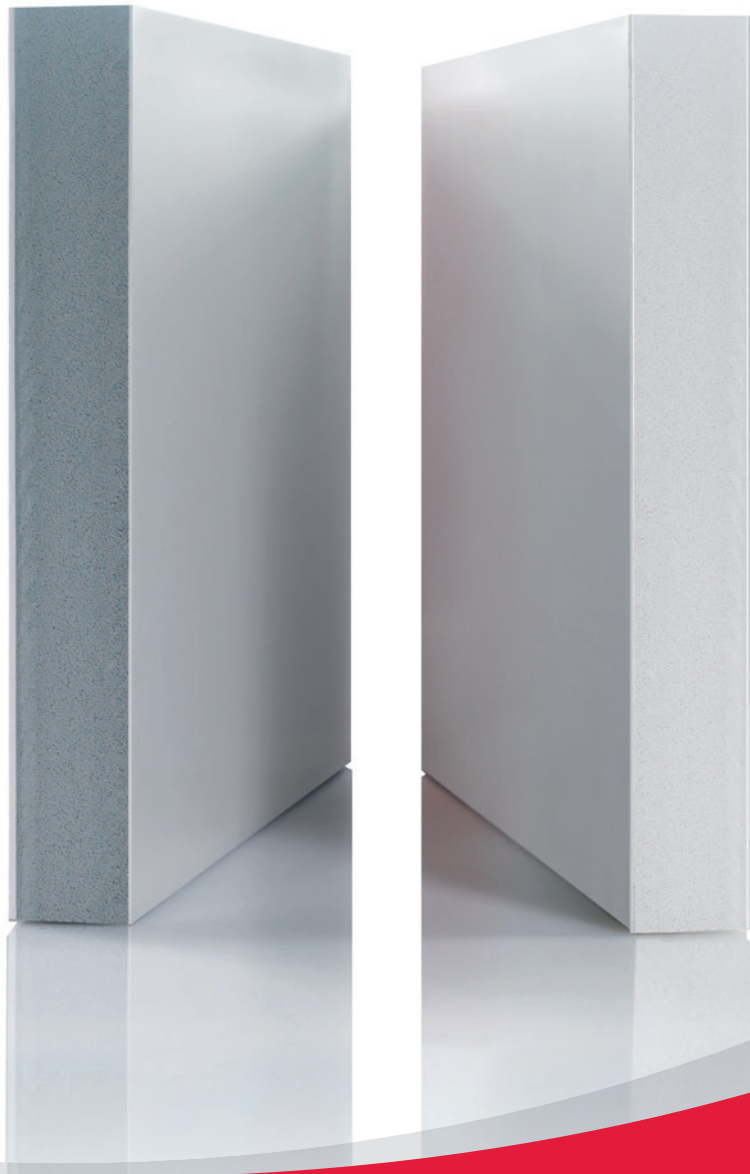


**SIMONA**



## SIMONA® COPLAST-AS

Coextruded PVC foam sheets  
for indoor and outdoor applications

# SIMONA® COPLAST-AS – Versatility breeds success



**SIMONA® COPLAST-AS is a coextruded PVC foam sheet consisting of high-quality outer skins and a white foam core. By contrast, SIMONA® COPLAST-AS-X comes with a grey foam core. COPLAST-AS is designed to deliver a sophisticated, premium-quality appearance. In addition, it combines good rigidity with UV and weather stability, making it the perfect solution for outdoor applications.**

## Versatile use

- Ceiling and wall panels
- Wall dividers
- Outdoor signs
- Facade elements
- Displays
- Exhibition stand design
- and more


## Excellent properties

- UV and weather stability
- High dimensional stability
- Antistatic properties
- Excellent printability
- Sound and heat insulating
- Outstanding processability

## Processing versatility

- |                      |                  |
|----------------------|------------------|
| ■ Sawing             | ■ Glueing        |
| ■ Bolting            | ■ Hot forming    |
| ■ Drilling           | ■ Cold curving   |
| ■ Riveting           | ■ Printing       |
| ■ Backing/Laminating | ■ Spray painting |
| ■ Water-jet cutting  | ■ Milling        |

# SIMONA® COPLAST-AS product range

Dimensions in mm		SIMONA® COPLAST-AS	SIMONA® COPLAST-AS-X
	2000 x 1000	8 to 30	6 to 19
	2440 x 1220	8 to 24	6 to 19
	3000 x 1000	8 to 30	
	3050 x 1000	8 to 30	
	3050 x 1220	8 to 24	6 to 19
	3050 x 1500	8 to 24	3 to 19
	Colours	white	white <sup>①</sup>

① white outer skins with grey core.

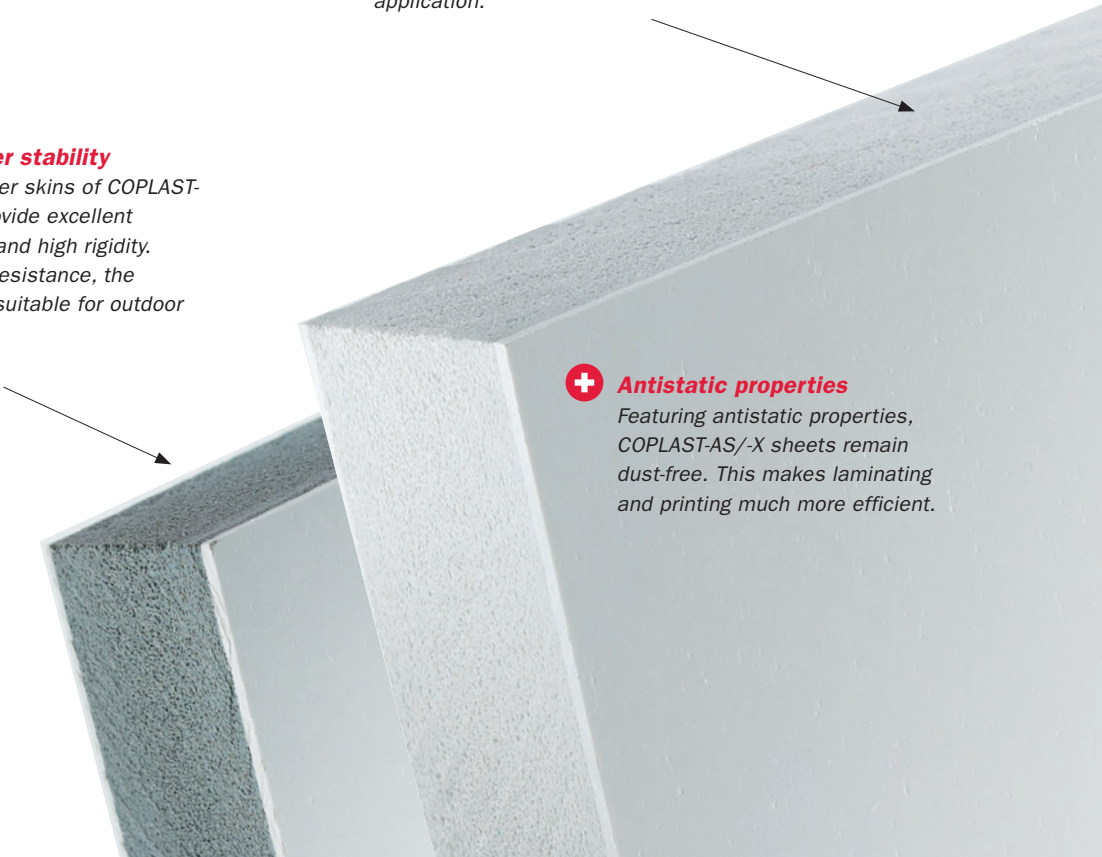
Sheets in various sizes and thicknesses available ex stock.  
 Other products: COPLAST-COLOR and COPLAST-AR-X.  
 Please contact our sales department for further details.



**+ Light but sturdy**  
 The foamed interior is extremely light.  
 At the same time, COPLAST-AS/-X sheets offer good dimensional stability – a key advantage in many fields of application.

**+ UV and weather stability**  
 The compact outer skins of COPLAST-AS/-X sheets provide excellent impact strength and high rigidity. Owing to its UV resistance, the material is also suitable for outdoor applications.

**+ Antistatic properties**  
 Featuring antistatic properties, COPLAST-AS/-X sheets remain dust-free. This makes laminating and printing much more efficient.



# Put your trust in quality and expertise

Material specifications	SIMONA® COPLAST-AS	SIMONA® COPLAST-AS-X
Density, g/cm <sup>3</sup>	0.670	0.670
Yield stress, MPa	16	17
Elongation at yield, %	4	4
Elongation at break, %	10	10
Tensile modulus of elasticity, MPa	1000	1000
Impact strength, kJ/m <sup>2</sup>	20	25
Ball indentation hardness, MPa	16	16
Shore hardness, D	69	69
Mean coefficient of linear thermal expansion, K <sup>-1</sup>	$0.8 \cdot 10^{-4}$	$0.8 \cdot 10^{-4}$
Thermal conductivity, W/m · K	0.068	0.068
Specific surface resistance, Ohm	$10^{12}$	$10^{12}$
Fire behaviour DIN 4102 with B1 Test Certificate	low flammability for 10 mm on request	normal flammability
Temperature range, °C	0 to + 60	0 to + 60

As one of the world's leading manufacturers of semi-finished thermoplastics and finished parts, SIMONA offers you best-in-class product quality and exceptional engineering expertise.

Our Quality and Environmental Management system is certified in accordance with DIN EN ISO 9001 : 2000 and DIN EN ISO 14001 : 2005.



With the compliments of:

## SIMONA AG

Teichweg 16  
D-55606 Kirn  
[www.simona.de](http://www.simona.de)

## Samples and product brochures

Phone +49 (0) 67 52 14-383  
Fax +49 (0) 67 52 14-738  
[marketing@simona.de](mailto:marketing@simona.de)

## Technical information

Phone +49 (0) 67 52 14-587  
Fax +49 (0) 67 52 14-302  
[tsc@simona.de](mailto:tsc@simona.de)

## Sales

Phone +49 (0) 67 52 14-0  
Fax +49 (0) 67 52 14-211  
[mail@simona.de](mailto:mail@simona.de)