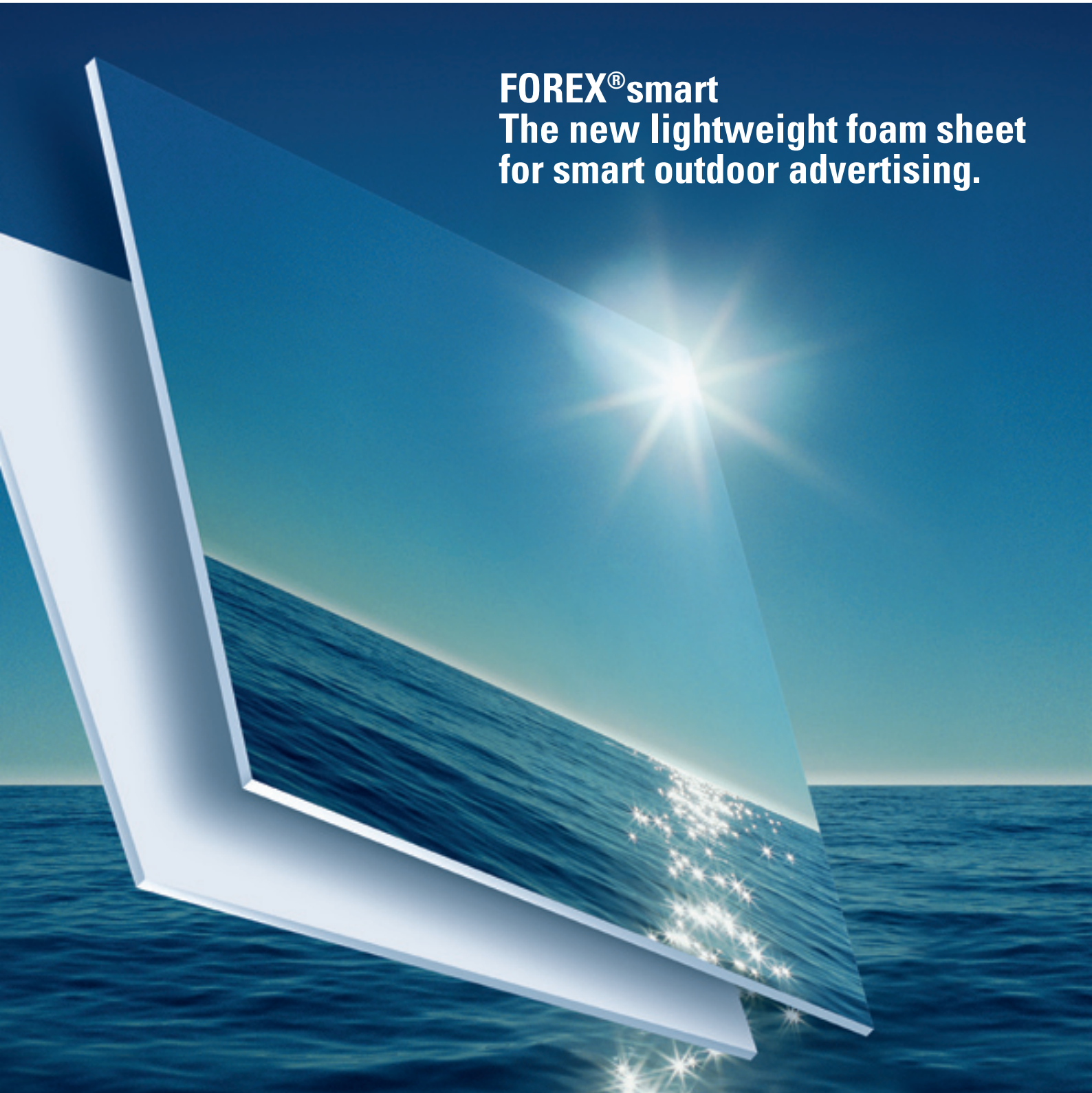


FOREX[®]
FOREX[®]smart



FOREX[®]smart
The new lightweight foam sheet
for smart outdoor advertising.



The technical aspects of FOREX® smart.

The most important product properties.

		5 mm	10 mm
Weight		1,13 kg/m ²	2 kg/m ²
Elasticity modulus (flexure test)	DIN 53 457	400 MPa	
Service temperature	–	up to 70°C	
Coefficient of linear expansion	DIN EN ISO 75-2	0,08 mm/(mk)	
Flammability	UL 94	class 94HBF	

 **100 % recyclable**

The available range.

Colour	<input type="checkbox"/> white	<input type="checkbox"/> white
Thickness	5 mm	10 mm
Width	1220 mm	1220 mm
Length	2440 mm, 3050 mm	2440 mm, 3050 mm

Ways of processing:

- › New, unused sheets must be stored dry, flat and well protected from heat and dust
- › Screen-printing with standard inks formulated for polystyrene
- › Direct digital printing with UV curing inks
- › Cut to size on circular saws using a saw blade with tungsten carbide tipped teeth with an alternating flat and trapezoidal tooth design
- › Allow for free dimensional change (beware of thermal expansion) of mounted sheets by using screws with large dia washers or cable ties for fastening

Convincing advantages at a glance:

- › **lightweight all plastic sheet material with a core of expanded polystyrene and surfaces of solid polystyrene**
- › **very good weathering properties**
- › **excellent printability**
- › lightweight – rigid – hard surfaces
- › moisture-resistant

Applications:

- › can be used flat and vertically
- › recommended for exterior signage for about 2 years

ALCAN COMPOSITES – a global organisation

- Alcan Airex AG, Sins, Switzerland
- Alcan Kapa GmbH, Osnabrück, Germany
- Alcan Singen GmbH, Singen, Germany
- Alcan Baltek Corporation, Northvale, N.J. USA
- Alcan Composites USA Inc., Benton & Glasgow, KY & Statesville, NC
- Alcan Composites Ltd., Shanghai, China
- Alcan Composites Brasil S.A.

ALCAN COMPOSITES – a truly global player

- Offices and manufacturing operations in Europe, the Americas and Asia
- Widest selection of sheet material
- Partnerships with top distributors
- Global distribution network
- The shortest delivery times in the industry
- Dedicated salesforce

DIBOND® FOREX® KAPA® FOAM-X® GATORFOAM®

ALCAN COMPOSITES
Alcan Airex AG
 CH-5643 Sins, Switzerland
 Tel: +41 41 789 66 27
 Fax: +41 41 789 66 60
 displayeu@alcan.com
 www.forex.eu

ALCAN COMPOSITES