beautiful
LARGE FORMAT PRINT

Unit 7, Deanland Business Park, Golden Cross, East Sussex, BN27 3RP
01825 872 040 | hello@beautiful.co.uk | **beautiful.co.uk**

MATERIAL DATASHEET · RIGID BOARDS

Foamex PVC Foam Board

Lightweight rigid PVC foam board with a smooth white or black face, printed direct and cut to any shape.

Ref PV-FOM-064
Issue November 2026

THICKNESS	COLOURS	FIRE RATING	ONE PIECE
3 to 19mm	**White or black**	**C-s3, d0**	**3020 x 2020mm**
3, 5, 10 and 19mm	Solid colour throughout	or better, EN 13501-1	3 to 10mm, from a 3050 x 2050 sheet

ABOUT THIS MATERIAL

Expanded rigid PVC with a fine, closed cell structure: light to carry, stiff enough to stand on its own, and easy to rout into letters and shapes. The smooth face takes UV ink crisply, so it's the everyday board for signs, displays and exhibition graphics.

GOOD FOR

- Indoor signs and wayfinding
- Exhibition and point-of-sale panels
- Cut-out letters, logos and shapes

TECHNICAL PROPERTIES

Construction	**Expanded rigid PVC foam, fine closed cells**
Density	**About 400 to 550 kg/m³ (white)**
Surface	**Smooth white, film protected on one side**
Hardness	**Shore D about 35**
Max service temperature	**55°C**
Water absorption	**Under 1%**

HOW WE PRINT AND FINISH IT

PRINT METHOD	FINISHING	LARGEST ONE PIECE	USE
UV printed direct, in-house, single or double sided	**Digitally cut: square, radius, circle or custom shape**	**3 to 10mm, white or black, 3020 x 2020mm; 19mm 2410 x 1190mm**	**Indoor, and short-term outdoor**

FIRE PERFORMANCE

C-s3, d0

Reaction to fire, EN 13501-1:2007+A1:2009

Every Foamex board we sell is C-s3, d0 or better. Download the report for your venue.

Fire test report, white 2 to 10mm (PDF)

Fire test report, 19mm (PDF)

White 2 to 10mm	**C-s3, d0. Exova Warringtonfire WF 401539, 9 July 2018**
19mm and black	**B-s3, d0 (report covers 2 to 19mm, any colour)**
Smoke	**s3**
Flaming droplets	**d0, none**

Typical values. Figures come from the manufacturer's data and can vary slightly between batches. If your venue needs something specific, ask us before you order and we'll check it for you.

Simply Beautiful Print Ltd
Registered in England & Wales 07737392

beautiful