

# EUROBATEX® High Technology



**Type of material:** Black closed-cell flexible elastomeric foam (FEF) covered with a mineral fibre based jacketing with a black or matt aluminium external quality finish. Does not contain halogens (Chlorine, Bromine, Fluorine) and PVC.

**Product range:** Sheets in roll (also in a self-adhesive version) in thicknesses from 6 to 32 mm.


**Fields of application:** Thermal insulation of refrigeration and air-conditioning services in industrial, commercial and institutional applications. Especially suitable for Marine and Civil Engineering applications working at high temperature, where a higher standard of safety in case of fire is required.

**Dimensional tolerances:** In accordance with the European Standard EN 14304.

**Environmental Information:** CFC and HCFC-free flexible, expanded rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero).

**Additional information:** Self-adhesive material: the self-adhesive coating is based on modified acrylate-reinforced with mesh structure. Protection liner made of polyethylene. Traces of silicon can be found on the foil protecting the self-adhesive coating.

**Storage conditions/shelf life:** Store the material in a dry and clean environment at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Does not expose the material to heat or direct sunlight before installing. Self-adhesive sheets should not be kept in storage for more than one year.

PHYSICAL PROPERTIES	RESULT OBTAINED	TEST METHOD
Operating temperature range*	-45 °C +130 °C	EN 14706
Thermal conductivity $\lambda$ At a mean temperature of + 40 °C	$\leq 0,040$ W/m·K	EN 12667
Water vapour diffusion resistance factor ( $\mu$ )	$\geq 10000$	EN 12086
Fire performance European standard	B-s2,d0	EN 13501-1
Shipyards (MED)  Type Approval: Lloyd's Register, Rina	Meets test requirements	IMO Res. MSC.307(88); IMO MSC/Circ. 1004 (Directive MED 2014/90/UE Modules B and D)
Ozone resistance	Excellent	ISO 7326
UV resistance	Excellent	DIN 1988 Part 7 - EN 13468

## CHARACTERISTICS OF THE COVERING

PHYSICAL PROPERTIES	UNIT OF MEASURE	REFERENCE VALUES
Total thickness	$\mu\text{m}$	approx. 200
Weight	$\text{g}/\text{m}^2$	approx. 250

**External finishing colour: black or matt aluminium**

\*NB: for applications at lower temperature please contact our technical department.

For information regarding the chemical resistance of the product please consult the specific technical documentation.

For self-adhesive sheets, the maximum operating temperature is +90 °C. For applications at higher temperatures please contact our technical department.

**System 1 CE Marking** in accordance with the European Standard EN 14304.  
Certification of Constancy of Performance issued by CSI S.p.A. - Bollate IT-20021.

All the normatives quoted in this document are updated to the latest issued versions.

Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.