

EUROSOUND

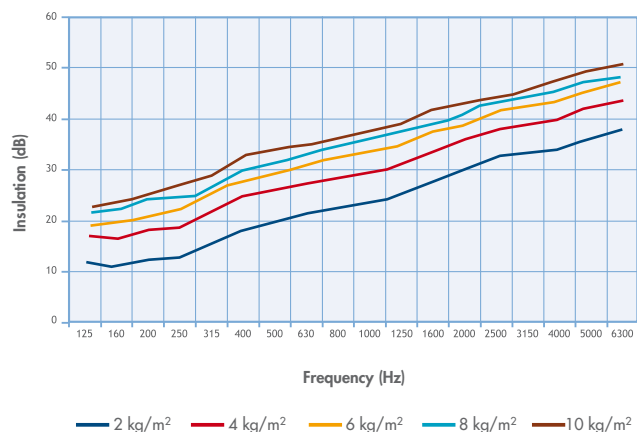
TYPE OF MATERIAL:	A soundproofing material made of a polymeric compound and high density mineral fillers. The product is free from lead, unrefined aromatic oils and bitumen, it is halogen free and does not contain substances which are hazardous to human health
PRODUCT RANGE:	Eurosound products are available in rolls in a range of thicknesses from 1 to 5 mm (2 - 10 kg/m ²) for civil and industrial applications (EUROSOUND), with improved fire performance (EUROSOUND FR) and for marine applications (EUROSOUND NAV)
FIELDS OF APPLICATION:	A flexible high performance noise barrier useful to reduce airborne sound transmission and as a component of an acoustic system with good low frequency sound insulation characteristics
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%. Do not expose the material to heat or direct sunlight when stored

PHYSICAL PROPERTIES	RESULT OBTAINED			TEST METHOD
	EUROSOUND	EUROSOUND FR	EUROSOUND NAV	
SERVICE TEMPERATURE (°C)	-20 / +110	-20 / +110	-30 / +90	-
DENSITY* (g/cm³)	1,9 ± 0,1	1,9 ± 0,1	2,1 ± 0,1	EN ISO 1183-1 and 2
HARDNESS* (SHORE A)	80 ± 10	80 ± 10	85 ± 10	UNI EN ISO 868
TENSILE STRENGTH* (N/mm²)	> 1	> 1	> 1	DIN 53504 / UNI 6065
ELONGATION AT BREAK* (%)	> 20	> 20	> 20	DIN 53504 / UNI 6065
FIRE PERFORMANCE - EUROCLASS	-	B-s2,d0	-	EN 13501-1
SHIPYARDS (MED)	-	-	Meets test requirements	IMO Res. MSC307(88); IMO MSC/Circ. 1004 (MED 2014/90/EU Modules B, D)
COLOUR	Dark grey	Dark grey	White	-

*Data refers exclusively to the 2 mm high density layer.

EUROSOUND / EUROSOUND FR

TRANSMISSION LOSS (DIN 52210)



EUROSOUND NAV

TRANSMISSION LOSS (DIN 52210)

