



## TECHNICAL SPECIFICATION ELASTILON®

### MATERIAL PROPERTIES

#### P.E. Foam

Quality:	Chemically crosslinked Polyethylene
Density:	30 kg/m <sup>3</sup>
Tensile strength (longitudal):	0,26 N/mm <sup>2</sup>
Elongation (longitudal):	130%
Service temperature:	-80°C / +100°C
Thermal conductivity:	0,034 W/mK (at 0°C)
Waterabsorption:	< 0,4% (after 7 days) < 0,6% (after 28 days)
Compression set at 25% compression:	7% (22 hrs, 23°C; after 24 hours relaxation)
Resistance to compression at 30% compression:	23 kPa
No fungus building	
Free of CFK's	

#### Adhesive

Adhesive thickness:	0,15 mm
Adhesive weight:	80 g/m <sup>3</sup>
Adhesion (N/25 mm):	18 N
Static shear resistance (25 mm x 25 mm):	500 g/25 mm <sup>2</sup>

#### Temperature limitations

Application:	+10°C minimum
Service:	-50°C / +100°C
Short peak:	+120°C
Ageing resistance:	very good
Storage:	2 years @ 21°C, 50% relative humidity, no direct sunlight/ strong artificial light

The information on these sheets has been compiled from the results of various test data. This publication however, cannot be considered as a commitment or as a written guarantee by OSBE BV. The information presented cannot replace the necessity of serious testing of the product in its actual application.

Elastilon® is a worldwide patented system.