

DATA SHEET

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GERA PE Construction Foil

Applications	To cover insulation under screed. Many other uses, e.g. To protect against cold and draught in building construction; To cover moisture-sensitive commodities.
Properties	GERA PE Construction Foils are vapour-permeable, i.e. water vapour can diffuse through the foil. PE construction foils are virtually impermeable to water in the liquid state.
Technical data	
Material:	Reclaimed foil from low-density polyethylene (LDPE)
Environmental protection:	No toxic vapours are generated on burning polyethylene foils. When deposited in landfills, LDPE is groundwater-neutral. Waste code No. 170203. Polyethylene foils can also be recycled to an almost unlimited extent.
Density:	Approx. 0.92 g/cm ³
Tensile strength:	Approx. 10-25 N/mm ²
E module:	Approx. 150-250 N/mm ²
Water vapour permeability:	0.10 mm thickness = < 0.80 gr/m ² /24h 0.15 mm thickness = < 0.60 gr/m ² /24h 0.20 mm thickness = < 0.40 gr/m ² /24h
Diffusion equivalent air layer thickness (SD value):	0.10 mm thickness = > 50 m 0.15 mm thickness = > 75 m 0.20 mm thickness = > 100 m
Melting point:	Approx. 110°C
Temperature resistance:	Approx. -40°C - +80°C
Delivery:	1-m rolls, folded or unfolded (flat)
Storage conditions:	Protect from light and the effect of UV rays
Notes:	Bituminous sheeting does not damage PE foils. However, the consistency of the bitumen may occasionally change due to the residual outgassing of the PE construction foil.

The above values are intended as a guide or have been obtained under laboratory conditions and do not constitute any guarantee of product properties. We recommend carrying out preliminary tests to check that our products are suitable for use with other products. Under our General Terms and Conditions, we guarantee consistently high product quality, but due to the many possible applications we cannot accept any liability for specific results in practical applications. This data sheet supersedes any previous versions.