

TECHNICAL DATA SHEET

GEKO TERM

MATERIAL: EXPANDED CROSSLINKED CLOSED CELL POLYETHYLENE

COMPOSITION		100% POLYETHYLENE		
PROPERTY	DIN	UNIT	VALUE	
DENSITY	53420	Kg/m3	30 +/- 3	
TENSILE STRENGTH	53571	N/mm2	> 0,18	
LONGITUDINAL			> 0,16	
TRANSVERSE				
STRETCH AT BREAKING POINT	53571	%	> 80	
LONGITUDINAL			> 90	
TRANSVERSE				
HARDNESS		Sh A	16 +/- 3	
TEMPERATURE RANGE	51949	°C	- 40	
	53431	°C	+ 95	
COMPRESSION SET 22 h, 25%,23°C	0,5 h	53572*	%	< 15
After compression release	24 h	53572*	%	< 8
	100 h	53572*	%	< 4
PERMEABILITY TO WATER VAPOUR	52615	ng/Pa s m	0,12	
ELECTRICAL RESISTANCE	Norma CEI 15 -23	Ohm x m	> 100	
THERMAL CONDUCTIVITY		Kcal/h m °C	λ=0,0340	
RESISTANCE TO FIRE	EUROCLASSE EN 13501- 1		CLASSE F	
RESISTANT:				
TO THE DIFFUSION OF WATER VAPOUR				
TO CHEMICAL AGENTS				
TO MOLD				
TO PARASITES				
TO OZONE				
TO WEATHER				
TO UV				
HEALTH:				
DOES NOT CONTAIN ASBESTOS, CFC OR EXPANDING GASES				