



## Product Overview

*Polymer bitumen and bitumen membranes*

### »Product specifications, application and processing«

The list includes the most important information about our polymer bitumen and bitumen sheets. The information is about the level of performance and characteristics of the products. For further information, please refer to the product data sheets on [www.georgboerner.de](http://www.georgboerner.de).

The technical information given was correct at the date of production of each product.

The products mentioned below are used and applied in compliance with the „Technical rules for planning and application of waterproofing with polymer bitumen and bitumen sheets – ABC of bitumen sheets“, „flat roof regulations“, the DIN standards 18338, 18336, 18195, 18531 as well as our manufacturer guidelines.

The given information is correct according to our current level of knowledge. However, no liabilities can be derived from this.



# Product overview polymer bitumen and bitumen sheets

Main group		Product description	DIN standard	Current use	Type/Category	Application at roof pitch, in degree (%)	Application-method	Upper side	Reinforcement	Bottom side	Flow resistance at elevated temp. in C°	Flexibility at low temperature C°	approx thickness in mm	approx content of solubility in g/m²	approx tensile force along/across in N/mm	approx. elongation along/across in %	Product data-sheet number		
Superior quality sheets (above standard)	Superior quality sheets (above standard)	SK Bit 105® PV	13707	Top layer	DO/E 1	all	torched-on	Slate	PV 250	Foil	+155	-25	5.2		1200/1000	40/40	815-1		
		SK Bit 105® GT	13707	Top layer	DO/E 1	all	torched-on	Slate	GT	Foil	+155	-25	4.5		1500/1500	4/4	805-1		
		SK Bit 1-Plus	13707	Top layer	DE/DO/E 1	all	torched-on, nailed, adhered	Slate (autumn foliage)	4 K-compound	Fleece	+155	-25	5.0		1400/1400	20/20	820-1		
		ELMO-Star	13707	Top layer	DO/E 1; BA	all	torched-on	Slate	4 K-compound	Foil	+155	-40	5.2		1440/1425	30/30	886-1		
		ELMO-Flex	13707, 13969	Top layer	DO/E 1; BA	all	torched-on	Slate	PV 250	Foil	+120	-35	5.2		1200/900	40/40	865-1		
		ELMO-Flex 4 K	13707	Top layer	DE/DO/E 1	all	torched-on, nailed, adhered	Slate	4 K-compound	Fleece	+130	-35	4.5		1400/1500	20/20	867-1		
	Special polymer bitumen sheets	Special polymer bitumen sheets	POLY-Elast Classic	13707, 13969	Top layer	DO/E 1; BA	0-10 (0-18)	torched-on	Slate	PV 250	Foil	+110	-30	5.2		1000/1000	35/40	731-1	
			POLY-Elast Rapid O	13707	Top layer	DO/E 1	≥ 2 %	torched-on	Slate	KTP	Fleece	+110	-25	5.0		800/800	30/30	734-1	
			SK Bit 105® + PUK Ausgleichbahn	13707, 139697	Bottom layer	DU/E 1; BA	all	torched-on, nailed, adhered	minerally fine	G 200	Fleece	+110	-30	4.0		1900/3000	2/2	830-1	
		Standard polymer bitumen sheet	Standard polymer bitumen sheet	POLY-Elast Rapid DS	13707	Bottom layer	DU/E 1	0-10, (0-18)	torched-on	minerally fine	G 200	Foil	+110	-25	3.5		1000/1000	2/2	736
				SK Bit 105® PV Root protection sheet	FLL	Top layer	DO/E 1; BA	all	torched-on	Slate	PV 250	Foil	+115	-25	5.2		1200/1000	40/40	841-1
				POLY-Elast PYE PV 200 S 5 EN-t1	13707, 13969	Top layer	DO/E 1; BA	0-10, (0-18)	torched-on	Slate	PV 250	Foil	+100	-25	5.2		800/800	35/35	711-1
				POLY-Elast PYE PV 200 S 5	13707, 13969	Bottom layer	DU/E 1; BA	0-10, (0-18)	torched-on	minerally fine	PV 250	Foil	+100	-25	5.0		800/800	35/35	710-1
				POLY-Elast PYE GG 200 S 4	13707, 13969	Bottom layer	DU/E 1; BA	0-10, (0-18)	torched-on	minerally fine	G 200	Foil	+100	-25	4.0		1000/1000	2/2	706-1
				POLY-Elast PYE PV 200 DD EN-t1	13707, 13969	Top layer	DO/E 1; BA	0-10, (0-18)	adhered	Slate	PV 250	Sand	+100	-25		2100	800/800	35/35	756-1
Bitumen torch-on membranes	Bitumen torch-on membranes	POLY-Elast PYE PV 200 DD	13707, 13969	Bottom layer	DU/E 1; BA	0-10, (0-18)	adhered	Sand	PV 250	Sand	+100	-25		2100	800/800	35/35	750-1		
		MONOPLEX GG 200 S 4	13707, 13969	Bottom layer	DU/E 2; BA	1-3, (2-5)	torched-on	minerally fine	G 200	Foil	+70	±0	4.0		1000/1000	2/2	610-1		
Vapour barrier membranes	Vapour barrier membranes	MONOPLEX V 60	13707, 13969	Intermed. layer	DZ/E 4; BA	1-3, (2-5)	torched-on	minerally fine	V 60	Foil	+70	±0	4.0		400/300	2/2	602-1		
		MULTIPLEX Super MF-G	13970	Vapour barrier			torched-on	Sand	G 200 + Vapour barrier	Foil	+100	-18	3.50		1000/1000	2/2	674-1		
		MULTIPLEX Super AL	13970	Vapour barrier			torched-on	Sand	Glass fleece + AL-compound	Foil	+100	-15	3.5		400/300	2/2	650-1		
		MULTIPLEX Kompakt SD+	13970	Vapour barrier			adhered	Sand	Glass fleece + AL-compound	Sand	+100	-18	2.6		400/300	2/2	640-1		
		MULTIPLEX MF-G	13970	Vapour barrier			torched-on, nailed	Sand	Glass fabric + Vapour barrier	Foil	+85	-10	4.00		1000/1000	2/2	673-1		
		MULTIPLEX AGG 4	13970	Vapour barrier			torched-on, nailed	Sand	AL-compound	Foil	+70	±0	4.0		1000/1000	2/2	670-1		
		MULTIPLEX MF-V	13970	Vapour barrier			torched-on	Sand	Glass fleece + Vapour barrier	Foil	+85	-10	4.00		400/300	2/2	661-1		
Roofing membranes	Roofing membranes	MULTIPLEX AV 4	13970	Vapour barrier			torched-on	Sand	AL + V 60	Foil	+70	±0	4.0		400/300	2/2	660-1		
		V 13	13707, 13969	Intermed. layer	DZ/E 4; BA	1-3, (2-5)	adhered	Sand	V 60	Sand	+70	±0		1300	400/300	2/2	501-1		
		G 200 DD	13707, 13969	Bottom layer	DU/E 2; BA	1-3, (2-5)	adhered, nailed	Sand	G 200	Sand	+70	±0		1600	1000/1000	2/2	560-1		
Self-adhesive membranes	Self-adhesive membranes	BIVITEX® MS	13969, 14697	Damp proof course	MSB; BA		loosly fitted	Sand	G 200	Sand		±0		1600	1000/1000	2/2	555-1		
		DACO-KSD	13970	Vapour barrier				cold self-adhesive	Fleece	AL-compound	Separating foil	+100	-30	1.2		600/400	2/5	680-1	
		DACO-KSD-N-SI	13970	Vapour barrier				cold self-adhesive and nailed	AL-compound	Glass grid	Separating foil	+100	-30	1.2		1000/900	3/3	683-1	
		DACO-KSD-H	13970	Vapour barrier				cold self-adhesive	AL-compound	Glass fleece	Separating foil	+100	-30	1.0		500/300	2/2	682-1	
		DACO-KSD-B	13970	Vapour barrier				cold self-adhesive	Sand	Glass fabric + Vapour barrier	Separating foil	+100	-25	2.5		1000/1000	2/2	686-1	
		DACO-KSD-R	13970	Vapour barrier				cold self-adhesive	AL-compound	Glasgelege	Separating foil	+100	-20	0.4		800/700	3/2	684-1	
		DACO-KSU	13707, 13969	Bottom layer	DU/E 1; BA	1-10, (2-18)	cold self-adhesive	Foil	G 200	Separating foil, in strips	+100	-30	3.0; 4.0		1500/1500	2/2	690-1; 691-1		
		DACO-KSU-FO	13707, 13969	Bottom layer	DU/E 1; BA	1-10, (2-18)	cold self-adhesive	Foil	G 200	Separating foil	+100	-30	3.0		1500/1500	2/2	692-1		
		DACO-KSU-SI	13707, 13969	Bottom layer	DU/E 1; BA	1-10, (0-18)	cold self-adhesive	minerally fine	G 200	Separating foil, in strips	+100	-30	4.0		1500/1500	2/2	693-1		
		DACO-KSO	13707	Top layer	DO/E 1	1-10, (2-18)	cold self-adhesive	Slate	3 K-compound	Separating foil	+100	-25	4.2		1300/1400	20/20	695-1		
		DACO-thene	13969	Sealing of buildings	BA		cold self-adhesive	HDPE-Foil		Separating foil		-30	1.5		250/280	220/250	699-1		
		EriKa	ABP, 13969	Sealing of buildings			loosly fitted	Foil	AL-compound	Foil	+70	-30	0.9		500/320	2/2	725-1		
Bridge deck membranes	Bridge deck membranes	OK 50 N	14695	Bridge deck membrane	BE		torched-on	minerally fine	PV 180	Foil	+150	-16	4.8		950/720	35/38	855-1		
		OK 45	14695	Bridge deck membrane	BE		torched-on	minerally fine	PV 180	Foil	+110	-18	4.8		1000/700	39/46	850-1		
		PRODOFLEX GW40 GG	14695	Bridge deck membrane	BU		torched-on	minerally fine	G 200	Foil	+100	-16	4		1600/3300	4/6	852-1		
		PRODOFLEX GW40 PV	14695	Bridge deck membrane	BO		torched-on	minerally fine	PV 250	Foil	+100	-16	4		1350/1050	40/48	852-1		