

Technical Data Sheet 330

Technical data sheet applies to products	charBIT[®] TEX BASE PV 400 Vordeckbahn charBIT[®] TEX BASE PV 400 TEX BASE PV[®] 400, Vordeckbahn TEX BASE PV[®] 400			
Product description	Light bitumen felt with carrier of polyester and non-woven polypropylene on both sides. It can be used as underlay, waterproofing and levelling felt under roof shingles and other discontinuous roofing.			
Layer structure of the product	upper surface covering layer carrier covering layer bottom surface	non-woven polypropylene SBS-modified bitumen polyester SBS-modified bitumen non-woven polypropylene		
Product design and markings	Bitumen felts are made in rolls of width 1,0 and length 30,0 m.			
Governed by test standards based on designated purpose	EN 13859-1 Flexible sheets for waterproofing – Definitions and characteristics of underlays – Part 1: Underlays for discontinuous roofing			
Product types produced according to TDS 330 are subjected to performance tests in the scope and frequency specified in the above-mentioned standards.				
All gauges used for measurement according to the below-mentioned standards are controlled by internal regulations.				
Technical properties	according to ČSN EN	note	unit	property
Length	1848-1		m	minimum indicated length
Width	1848-1		m	1,00 m ± 0,8%
Straightness	1848-1		mm	max. 20 mm/10 m of length
Obvious defects	1850-1		-	faultless
Thickness	1849-1		mm	0,6±0,1
Mass per unit area	1849-1		g/m ²	400±100
Water penetration resistance	1928	method A	class W1	pass
Water vapour permeability	1931		μ	NPD
Reaction to fire	13501-1		class	E
Tensile properties:	longitudinal	12311-1	N/50mm	470±10%
Tensile strength				transversal
Tensile properties:	longitudinal	12311-1	%	≥25
Elongation				transversal
Resistance to tearing (nail shank)	longitudinal	12310-1	N	270±10
	transversal			270±10
Flexibility at low temperature (pliability)	1109		°C	-40
Flow resistance at elevated temperature	1110		°C	NPD
Behaviour during artificial ageing only heat	flexibility at low temperature	1109	°C	-30
	flow resistance at elevated temperature	1110	°C	NPD
	water penetration resistance	1928	class W1	pass
Resistance to static loading	12730		kg	2
Resistance to impact	12691	method A	mm	500
Joint strength	12317-1		N/50mm	NPD
Does not contain components and additives considered hazardous.				

The stated values are determined statistically and may present tolerances.