

Technical data sheet

Bauder EP 4 WF AF

natural slate



Product description	Root-resistant elastomer-bitumen torch-on membrane		
Application fields	Root-resistant top waterproofing layer in a multi-layer sealed flat roof system		
Surface	top:	natural slate	
	bottom:	foil	
Reinforcement type and weight	polyester fleece 160 g/m ²		
Article number	1935 0000		

Characteristic	Test method	Unit	Value
Length	EN 1848-1	m	8
Width	EN 1848-1	m	1
Thickness	EN 1849-1	mm	4
Flexibility at low temperature top	EN 1109	°C	≤-20
Flexibility at low temperature bottom	EN 1109	°C	≤-20
Flow resistance at elevated temperature top	EN 1110	°C	≥100
Flow resistance at elevated temperature bottom	EN 1110	°C	≥100
Max. tensile force length	EN 12311-1	N/50mm	≥500
Max. tensile force transverse	EN 12311-1	N/50mm	≥500
Elongation at max. tensile force length	EN 12311-1	%	≥25
Elongation at max. tensile force transverse	EN 12311-1	%	≥25
Straightness	EN 1848-1	mm/10m	<20
Watertightness	EN 1928	-	passed
Reaction to fire	EN 13501-1	Class	E
External fire performance ^{a)}	CEN/TS 1187	-	NPD
Peel resistance	EN 12316-1	N/50mm	NPD
Shear resistance	EN 12317-1	N/50mm	NPD
Resistance to impact	EN 12691	mm	≥600
Resistance to static loading	EN 12730	kg	NPD
Resistance to root penetration	FLL	-	passed



Notified body: GPB, 1724
EN 13707, EN 13969

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Characteristic	Test method	Unit	Value
Dimensional stability	EN 1107-1	%	≤0,4
Durability characteristics	EN 1109	°C	NPD

a) tested in system

Note	The surface is sprinkled with natural rock (slate, basalt, sand ...). With this natural product, raw material-related differences in the colour nuances and shades are possible, for which the manufacturer assumes no liability. This applies in particular to colour deviations due to weather and environmental influences as well as colour differences between different production batches.
Product storage guidance	Bitumen membranes must be stored and transported on end to prevent deformation of the roll. The membranes must also be protected from UV rays, moisture and heat.
Disposal guidance	Bitumen waste can be disposed of with household waste or commercial waste similar to household waste (European waste catalogue EWC number 170302 "asphalt tar-free")
Further information/documents	Current documents such as brochures, installation instructions etc. can be found on the Internet at www.bauder.ag



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