

# Technical data sheet

## BauderFPO WWB

### Embossed walkway membrane



V3 16/11/2022

<b>Product description</b>	Polyester reinforced FPO single ply embossed walkway membrane.	
<b>Application fields</b>	Walkway membrane reduces the potential for slip when installed over the field sheet waterproofing.	
<b>Colour</b>	dark grey	
<b>Surface</b>	top:	dark grey
	bottom:	dark grey
<b>Reinforcement type and weight</b>	synthetic reinforced polyester	
<b>Article number</b>	6503 1075	



Characteristic	Test method	Unit	Value
Visible defects	EN 1850-2	-	no visible defects
Length	EN 1848-2	m	10(-0/+5%)
Width	EN 1848-2	m	0,75(-0,5/+1%)
Straightness	EN 1848-2	mm	< 30
Flatness	EN 1848-2	mm	< 10
Mass per unit area	EN 1849-2	kg/m <sup>2</sup>	2,4(-5/+10%)
Nominal thickness incl. profile	-	mm	2,0(-5/+10%)
Water tightness	EN 1928 - B	-	passed
Reaction to fire	EN 13501-1	-	class E
Joint peel resistance	EN 12316-2	N/50mm	NPD
Joint shear resistance	EN 12317-2	N/50mm	NPD
Tensile strength Id	EN 12311-2 A	N/50mm	≥1200
Tensile strength td	EN 12311-2 A	N/50mm	≥1200
Elongation Id	EN 12311-2 A	%	≥19
Elongation td	EN 12311-2 A	%	≥19
Resistance to impact hard surface	EN 12691	mm	≥900
Resistance to impact soft surface	EN 12691	mm	≥1250
Resistance to static loading hard surface	EN 12730	kg	≥20
Resistance to static loading soft surface	EN 12730	kg	≥20
Tear resistance (length)	EN 12310-2	N	> 400

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Characteristic	Test method	Unit	Value
Tear resistance (transversal)	EN 12310-2	N	> 400
Resistance to root penetration	EN 13948/FLL	-	NPD
Dimensional stability	EN 1107-2	%	≤1
Flexibility at low temperature	EN 495-5	°C	≤ -30
UV exposure	EN 1297	-	passed ( > 5000 h )
Hail resistance hard surface	EN 13583	m/s	≥28
Hail resistance soft surface	EN 13583	m/s	≥40
Water vapour transmission	EN 1931	m	200000 (±30%)
Exposure to bitumen	EN 1548	-	passed
External fire performance	CEN/TS 1187	-	not applicable

<b>Product surface finish</b>	Bauder FPO embossed walkway membrane achieves slip resistance class R10 and water drainage class V5
<b>Product storage guidance</b>	Store single-ply membranes in clean, dry conditions. Leave membrane in its original packaging until installation to reduce requirement for seam activation/cleaning.
<b>Pallet size</b>	Pallet size = 32 rolls/240m <sup>2</sup> per pallet
<b>Packaging material</b>	The product will be delivered on wooden pallets with polyethylene overwrap to protect the product. Each roll has a recycled cardboard core. Recycled nylon straps contain the rolls on a pallet.
<b>Handling/PPE</b>	All persons using the product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using/handling the product, installers should be provided with, and wear, suitable personal protective equipment.
<b>Disposal guidance</b>	Waste of the product is not a hazardous substance. Observe local regulations. European Waste Catalogue EWC number 170203 "Plastic Mirror Non hazardous"
<b>Re-use options of product</b>	Please refer to EPD stated below in Certification and environmental information.
<b>Further information/documents</b>	Current documents such as DoC's, DoP's (where relevant), brochures, installation guides, etc. can be found by visiting <a href="http://www.bauder.co.uk">www.bauder.co.uk</a>
<b>Safety Data Sheet</b>	Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as an article, therefore this product does not have a requirement for a Safety Data Sheet.