



H 55053

# e-plax® 40 DetektionsAbdichtungsbahn

<b>Product</b>	Self-adhesive SBS-modified bitumen membrane with composite reinforcement and anti-slip surface, equipped with the patented e-plax®-technology for leak detection by DC-High Voltage method and RELAX-PROTECT-SYSTEM.
<b>Top side</b>	Sand with e-plax® selvedge and overlap marking
<b>Bottom side</b>	Self-adhesive (peel-off foil) with full surface e-plax®-Technology, integrated relax-stripes and selvedge (sand)
<b>Intended use</b>	<ul style="list-style-type: none"> <li>• Base layer of bituminous roofing systems</li> <li>• Basement waterproofing systems against soil moisture</li> </ul>
<b>Standard</b>	EN 13707, EN 13969
<b>Application</b>	Self-adhesive method with / without thermal activation Side laps min. 8 cm, end laps min. 10 cm overlap Temperature for application min. + 10 °C (Self-adhesive method)
<b>Packaging</b>	18 rolls of 10 m x 1m = 180 m <sup>2</sup> per pallet

Characteristics	Testing method	Unit	Result
Length	EN 1848-1	m	10,0
Width	EN 1848-1	m	1,00
Straightness	EN 1848-1	mm/10m	< 20
Mass per unit area	EN 1849-1	kg/m <sup>2</sup>	NPD
Thickness	EN 1849-1	mm	4,0 (±0,2)
Watertightness	EN 1928	kPa	100
External fire exposure	EN 13501-5	Class	NPD
Reaction to fire test	EN 13501-1	Class	E
Shear resistance of joints	EN 12317-1	N/50mm	NPD
Tensile force long./trans.	EN 12311-1	N/50mm	1200/1000 (±200/±200)
Elongation at single-end breaking force	EN 12311-1	%	10/10 (±5/±5)
Resistance to impact	EN 12691	mm	NPD
Resistance to static loading	EN 12730	kg	NPD
Resistance to tearing (nail shank) long./trans.	EN 12310-1	N	200/200 (±50/±50)
Dimensional stability	EN 1107-1	%	≤  0,3
Flexibility at low temperatures	EN 1109	°C	-25
Flow resistance at elevated temperature	EN 1110	°C	100
Water vapour transmission	EN 1931	m	< 400

NPD = No performance determined

The declared data are indices based on the statistical quality control and refer to the date of production. Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method. All specifications are without obligation. The user must assess the suitability of the product for the particular purpose and ensure the user's access to the current version of the product data sheet.

**Subject to alteration without notice.**

Storage conditions: The products have to be stored in original packaging, being protected from direct sun light, UV-beams and extreme conditions like heat, frost, moisture, etc. During cold season store the products in a frost-free area (+5°C) for 12 hours before application.

**Development, Production and Sales of our products according to ISO 9001.**