



# H 66037 Difuplan ERS 330 SK

<b>Product</b>	Vapour permeable synthetic underlay for direct application on thermal insulation or boarding for rain-proof back-up-roofs acc. ÖNORM B 4119 – with two self-adhesive stripes. Monolithic PUR-film between two PP-fabrics
<b>Intended use</b>	<ul style="list-style-type: none"> <li>• Underlay for discontinuous roofing</li> <li>• Underlay for discontinuous roofing</li> </ul>
<b>Standard</b>	EN 13859-1
<b>Application</b>	<p>Invisible mechanical fixing</p> <p>Side laps: Bonding by the integrated adhesive stripe</p> <p>End laps: Use the Isola Modified Bitumen Adhesive inside the laps, Difuplan EKB A 60 on the overlaps</p> <p>Confirmation for slopes &lt;5° depends on the project.</p>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• bonding - no welding necessary</li> <li>• installation at roof slopes of 7° up</li> <li>• monolithic technology</li> <li>• highly UV-stable PP-fleece covers</li> <li>• doublesided adhesive stripes - shear resistance &gt; 250 N</li> <li>• extremely good tensile strength</li> <li>• extremely robust and very well abraision characteristics</li> <li>• anti-slippery</li> <li>• imprinted guidelines</li> <li>• hydrophobic fleece</li> <li>• long-time weathering-resistant</li> <li>• water-proof and driving rain-proof</li> <li>• wind proof</li> <li>• fully recyclable and PVC-free</li> </ul>
<b>Packaging</b>	20 rolls of 40 m x 1,5 m = 1200 m <sup>2</sup> per pallet

Characteristics	Testing method	Unit	Result
Length		m	40
Width		m	1,5
Mass per unit area		g/m <sup>2</sup>	340 (±10)
Composition		Material	PP : TPU : PP
Fire classification	EN 13501-1	Class	E
Resistance to water penetration		Class	W1
Artificial aging - resistance to water penetration		Class	NPD
sd-value		m	0,14 (+0,02 / -0,06)
Tensile force long./trans.		N/50mm	440 / 380 (±40)
Artificial aging - Tensile force long./trans.		N/50mm	360 / 300 (±30)
Elongation (long./trans.)		%	50 / 60 (±20)
Artificial aging - Elongation (long./trans.)		%	≥ 65 / ≥ 65
Resistance to tearing (long./trans.)		N	390 / 430 (±30)
Flexibility at low temperatures		°C	- 40
Thermal resistance		°C	bis + 100
UV-resistance		Monate	8

## Characteristics

Number of self-adhesive stripes  
Roof slope

## Testing method

## Unit

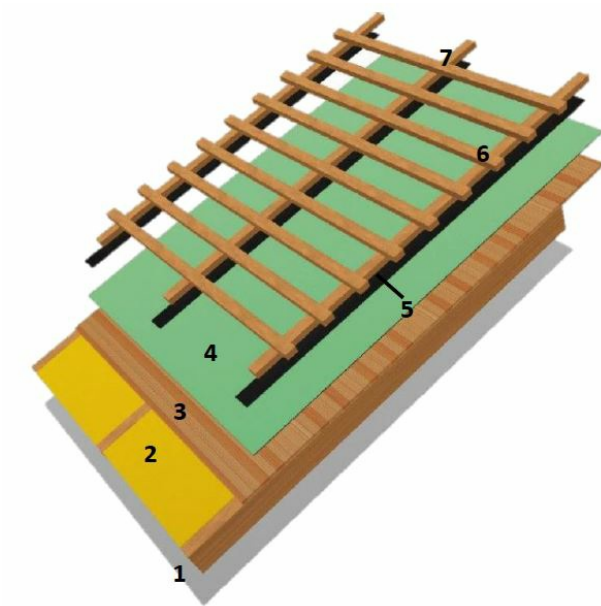
Stk.  
°

## Result

2  
mind. 7

NPD = No performance determined

# Thermal insulation between rafters (example)



Construction (top down)

## System components

- H81009 Isola Polymerbitumenkaltkleber
- H66321 Difuplan EKB A60
- H66322 Difutex EKB I60
- H66050 Difuplan DKB
- H66xxx Nageldichtbänder



Polymerbitumenkaltkleber



EKB A60



EKB I60



DKB



Nageldichtbänder

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.**